

Preliminary Table of Contents for SID Symposium Digests 1963-1988
(author company affiliations not listed)

Notes:

- 1 The index covers full papers and keynote speeches for SID Symposia from 1963 through 1988; panel sessions, seminars and luncheon speakers are not listed
- 2 Authors' company affiliations are not shown (to be added)
- 3 Lead author is designated with asterisk (*)
- 4 The first ten (10) digests were designated by number as follows
- 5 The first ten (10) Symposia were identified by numbers, as follows: 2/1963 -#1; 9/63 - #2; 5/64-#3; 9/64 - #4; 2/65 - #5; 9/65 - #6; 10/66 - #7; 5/67 - #8; 5/68 - #9; 5/69 - #10

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1971	72	6	Medical Applications of Computer Displays in the Rapid Examination of Developing Abnormality Patterns in the Kidney	Constantinou, C.E.*; Butler Jr., E.D.
1971	75	6	The challenge of Interactive Graphics in Petroleum Exploration	Powers, S.D.; Stith, A.G.*
1971	77	6	Graphic - Aided Logic Design	Rasmussen, H.S.*; Weber, J.F.
1971	80		Invited Address: Experiences with CRT Displays During	Kegelman, T.D.*
1971	84	7	Mass Character Generator with a Small Rotating Image Disc	Kimura, T.; Yamato, J.*; Hiroyama, M.;
1971	86	7	A new Method of Cursive Character Generation	Harp, R.S.*

1971	88	7	Conducting Glass Touch - Entry System	Marson, R.K.*
1971	90	7	A Unified Laser Color - TV Display System	Stone, S.M.*; Schlafer, J.D.; Fowler,
1971	92	7	An Interactive Computer - Graphics Terminal	Giordano, A.F.*; Waxman, A.S.
1971	96	8	Color in Gas - Discharge Panel Displays	Forman, J.
1971	98	8	A Multicolor Plasma Panel Display	Brown, F.H.*; Zayac, Marilyn T.
1971	100	8	Gray - Scale Plasma Display	Ngo, D.T.
1971	102	8	A gray - Scale Technique for the display Panel and Similar On -	Chodil, G.; DeJule, M.*
1971	104	8	Low - Cost access Circuits for the Gas Plasma Display Panel	Dick, G.W.*
1971	106	8	A Plasma DisplayTerminal	Stifle, J.*
1971	108	8	A 1/4 - Million Element AC Plasma Display with Memory	Johnson, W.E.*; Schmersal, L.J.
1971	122	9	INVITED: The Physics and Chemistry of Liquid Crystals	Soref, R.A.
1971	124	9	Light Scattering in Electric - Field Driven Nematic Liquid	Goodman, L.
1971	126	9	Transient Scattering of Light by Pulsed Liquid Crystal Cells	Cosentino, L.S.
1971	128	9	An MOS - Driven Liquid Crystal display	Borel, J.*; Robert, J.
1971	130	9	Cholesteric - Nematic Phase Transition Displays	B.; Saeva, F.D.; Wysocki, J.J.*; Becker, J.H.; Dir, G.A.; Madrid, R. Adams, J.E.; Haas, W.E.; Leder, L.B.; Mechlowitz, Dir, G.A.*; Becker, J.H.; Wysocki, J.J.; Haas, W.A.; Adams, J.E.; Leder, L.B.; Kashnow, R.A.*; Bigelow, J.E.
1971	132	9	Cholesteric Liquid Crystal Texture Change Displays	
1971	134	9	Nematic Liquid Crystals: Cinemicrography of	
1972	10		Keynote Address: The Impact of Information Display on Society	Luxenberg, H.R.*
1972	14	1	Ferroelectric Ceramic Light Scattering Devics for Image Storage	Smith, W.D.*; Land, C.E.
1972	14	1	Ferroelectric Ceramic Light Scattering Devics for Image Storage	Land, C.E.; Smith, W.D.*
1972	16	1	Electrooptic Variable Density Optical Filter	Harris Jr., J.O.*; Cutchen, J.T.
1972	16	1	Electrooptic Variable Density Optical Filter	Cutchen, J.T.; Harris Jr., J.O.*
1972	18	1	A Survey of Electronic Numeric Indicator Devices	Sobel, A.*
1972	22	2a	Trends In Low - Cost Graphic Displays Terminals	Machover, C.*
1972	24	2a	Multi - Station - Type Color Character Display System	Yamazaki, E.*; Ohkawa, K.
1972	26	2a	The Design of a Multi - Purpose Console for Command and	Yows, P.W.; Riggs, A.L.*
1972	30	3	Low Voltage Plasma Panel	Osawa, M.; Nakayama, N.*;
1972	32	3	A Gas Display Panel with Quasi - Axial Electrode Configurations	Welber, B.*; Tynan, E.E.
1972	34	3	Numerical Computation of the Temporal Development of the Current in an AC Plasma Panel	Veron, H.*; Wang, C.C.
1972	36	3	Pulsed Gas Discharge Display with Memory	Holz, G.E.*
1972	38	3	Self - Shift Plasma Display	Hirose, T.; Umeda, S.*
1972	40	3	A Parallel Addressed, Multiplexed - Driver Plasma Display	Liddle, D.E.*
1972	42	3	Design of a Low - Cost, Compact, Versatile Airborne Plasma Alphanumeric Control and Display Unit	Strandt, E.R.*F335
1972	46	4	CRT Terminal Access from High - Level Lanuages	Gwynn, J.W.*
1972	48	4	PL / OT 71: An Interactive Machine - Independent Graphics Language	Uzgalis, R.C.*; Chewing, R.; Gruen, P.; Laub, J.; Speckart B.; Spencer, J.; Isshiki, M.; Takasawa, Y.*; Takehana, Camlet, J.V.*; Weller, D.R.
1972	50	4	3 - D Pictures	
1972	52	4	A High - Speed Microprogrammed List Processor for Computer	
1972	62	5	Matrix - Addressed Liquid Crystal Projection Display	Wild, P.J.
1972	64	5	Recent advances in Frequency Coincidence Matrix Addressing of Liquid Crystal Displays	Stein, C.R.*; Kashnow, R.A.
1972	66	5	Experimental Comparison of Multiplexing Techniques for liquid	Kmetz, A.R.*
1972	68	5	Preparation of Alphanumeric Indicators with Liquid Crystals	Kobayashi, S.*; Shimojo, T.; Kasano, K.;
1972	73	6	An Experimental Single - Gun Simultaneous Color Kinescope	Macaulay, M.*
1972	74	6	Multi - Beam CRT Displays	Hills D.S.*
1972	76	6	Photo - Erasable Cathodochromic Storage - Display Tube and	Uno, Y.*; Maeda, H.
1972	78	6	An Alphanumeric / Graphic Time - Sharing Terminal using a Cathodochromic Storage Tube	Marlowe, F.*; Heyman, P.
1972	78	6	An Alphanumeric / Graphic Time - Sharing Terminal using a Cathodochromic Storage Tube	Marlowe, F.*; Heyman, P.

1972	80	6	A High Resolution, Meshless Storage Tube	Stephens, C.P.; Snyder, J.S.*
1972	82	6	Developments in Simplified Direct View Storage	Frankland, R.A.
1972	90	2b	Performance Advantages of Liquid Crystal Displays with Surfactant - Produced Homogeneous Alignment	Creah, Linda T.*; Kmetz, A.R.
1972	92	2b	Effect of Boundary Conditions on the Performance of Nematic	Aftergut, S.*; Cole, H.S.
1972	94	2b	Optical Storage in Mixtures of Nematics and Non - mesomorphic Optically Active Compounds	Haas, W.*; Cole, H.S.; Adams, J.
1972	96	2b	A Nematic Liquid Crystal as a Phase Grating of Electrically	Kashnow, R.A.*; Bigelow, J.E.
1972	98	2b	Multicolor Matrix - Displays Based on Deformation of Vertically - Aligned Nematic Liquid Crystal Display	Fahrenschon, K.*; Schiekkel, M.F.
1972	100	2b	Field - Effect Liquid Crystal Display Devices	Lu, S.; Jones, D.*
1973	12	2.1	A Tracking and Pointing Light Pen System for use with Plasma	Coates, W.J.*; Johnson, R.L.; Tucker,
1973	14	2.2	The Analog Touch Panel - A Finger-Operated Computer	Turner, J.A.*; Ritchie, G. J.
1973	16	2.3	Hard Copy of Plasma Panel Images using Simultaneous Charge-Transfer Electrophotography	Day, G. F.*; Brown, F. H
1973	18	2.4	Graphic System Applications of Plasma Display/Memory Devices with Direct Electrical Readout	Johnson, R. L.*; Weber, L. F.
1973	20	2.5	A Spatial Gray Scale for Plasma Display Panels	Fulton, D. L.*
1973	24	3.1	An Analysis and Comparison of Scattering in Ferroelectric Ceramics and Other Direct View Display Media	Dalisa, A. L.*; Seymour, R. J.
1973	26	3.2	Ferroelectric Ceramic Surface-Deformation Devices for Image	Land, C. E.*; Smith, W. D.
1973	28	3.3	Electric Field and Light Intensity Dependence of Image	Lakatos, A. I.*
1973	30	3.4	An Operating 36-Character DC Electroluminescent	Mears, A. L.*; Parker, J.; Sarginson, R.
1973	178	3.5	Matrix Addressed Liquid Crystal/Ferroelectric Display	Tannas Jr., L. E.*; York, P. K.
1973	34	4.1	Interdigital Field-Effect Liquid-Crystal Displays	Soref, R. A.*
1973	36	4.2	Singular Electrooptical Characteristics of Liquid Crystal Display with Interdigital Electrodes	Shimojo, T.*; Matsuda, K.; Kasano, K.
1973	38	4.3	A Remote Access Data Entry Terminal with Liquid Crystal	Stein, C. R.*
1973	40	4.4	Multicolor Field-Effect Display Devices with Twisted Nematic	Kobayashi, S.*; Takeuchi, F.
1973	42	4.5	AC-Driven Photoactivated Liquid Crystal Light Valve	Bleha, W. P.*; Grinberg, J.; Jacobson,
1973	44	4.6	Image Storage Panel Based on Cholesteric Liquid Crystals	Hass, W.*; Adams, J.; Dir, G.; Mitchell,
1973	46	4.7	Matrix Addressed Liquid Crystal Panel Display	Lipton, L.T.*; Koda, N.J.
1973	179	4.8	A 6" x 6" 20 Lines-Per-Inch Liquid Crystal Display Panel	Brody, T. P.*; Asars, J. A.; C. D. Dixon
1973	50	5.1	The Architecture of a High-Performance Graphic Display	Rosen, B.*
1973	52	5.2	Hardware for High-Speed Digital Vector Drawing	Kriz, S.*
1973	54	5.4	An Image Analysis Interactive Display	McFarland, W. D.*; Dwyer, S. J.
1973	56	5.4	A Graphic Display System using Raster-Scan Monitors and	Cheek, T. B.*
1973	58	5.5	Some Quantization Effects in Digitally-Generated Pictures	Shoup, R. G.
1973	60	5.6	A Color CRT Image Display System	Bruns, F. J.*; Rhyne, V. T.; Schell, J. A.
1973	62	5.7	Display Enhancement by Video Signal Processing	Rosen, M.*; Wright, R.
1973	70	7.1	Picture Display with Gray Scale in the Plasma Panel	Umeda, S.*; Murase, K.; Ishizaki, H.;
1973	72	7.2	Plasma Display with Gray Scale	Kurahaski, K.*; Tottori, H.; Isogai, F.;
1973	74	7.3	A Megabit Plasma Display Panel	Ernsthausen, R. E.*; Martel, R. A.;
1973	76	7.4	Surface Discharge Type Plasma Display Panel	Takashima, K.; Nakayama, N.;
1973	78	7.5	Prospects of Multicolor Capabilities in Plasma Display using	Shirouchi, Y.; Iemori, T; Yamamoto, H.;
1973	82	8.1	Pocket Calculator Display System	Bergman, C.*
1973	84	8.2	MIDAS - A Teleprinter Concept using Dual Mode Paper	Cochran, D. S.*
1973	86	8.3	A 1125-Scanning Line Laser Color TV Display	Minto, G. S.*
1973	88	8.4	Rear Projection Screens	Taneda, T.*; Tatuoka, S.; Masuko, H.;
1973	91		Integrated Character Animation Display System	Aiko, M.; Yamamoto, M.; Hashimoto, A.;
1973	94	9.1	A CRT for Realtime Display of Slow-Scan Information	Thoman, R. E.*
1973	96	9.2	Digitally-Addressed High Brightness Flat Panel Display	Harrison III, L.*
1973	98	9.3	A Large Screen Display for Bitable Storage of up to 17,000	Carpenter, M. E.*; Say, D. L.
				Jeffries, L. A.*
				Curtin, C.*; Hutcheon, J.; Mason, B.;

1973	100	9.4	A Storage CRT with Liquid-Crystal Display	Gooch, C. H.*; Bottomley, R. C.; Firkins, J. H.; Low, J. J.; Tarry, H. A.
1973	102	9.5	Bistable Storage Tube with AC Controlled-Display	Chang, I. F.*; Pennebaker, W. B.
1973	104	9.6	The Signal-Generation Mechanism in Bistable Storage Scan	Sang, E.*
1973	108	10.1	Some New Criteria of Image Quality in Electrooptical Displays	Biberman, L. M.*
1973	109	10.2	A Unitary Measure of Video System Image Quality	Snyder, H. L.*
1973	110	10.3	S/N Ration Thresholds for Image Detection, Recognition and	Willson, R. H.*; Rosell, F. A.
1973	112	10.4	The Aliasing Problem in One and Two-Dimensional Sampled	Legault, R. R.*
1973	114	10.5	Analysis of Image-Detection and Display Systems	Schnitzler, A. D.*
1973	120	11.1	Green LED Displays - A Planar Approach	Peaker, A. R.*; Pastors, V.
1973	122	11.2	Monolithic GaP LED Displays	Kravitz, L. C.*; Womac, J. F.; Haumann, F. K.; Woodbury, H. H.
1973	124	11.3	Packaging of Multicharacter LED Modules waith Self-Contained	Groves, H. T.
1973	126	11.4	Integrated Drive Circuits for LED and LCC Displays	Page, P. B.*
1973	128	11.5	The Use of LEDs in High Ambient Illumination	Ellis, B.*; Burrell, G. J.
1973	130	11.6	Packaging Solid-State Displays	Norris, J.*
1973	134	12.1	A High-Resolution, Multi-Purpose, Color-TV Display System for	Winner, R. N.*; Mulley, W. G.
1973	136	12.2	A Helmet-Mounted Camera and Display System for Pilot	Pratt, P. D.*
1973	138	12.3	Data Storage and Retrieval Device for Aircraft	Nelson, P. L.*; Norwalt, R. H.
1973	140	12.4	Video Image Display Subsystem	Sides, W.*; Zadikow, V. H.
1973	142	12.5	A Microprogrammed Display System	Bolstad, T.*
1973	146	13.1	An Electrochromic Display with Memory	Schoot, C. J.*; Bolwijn, P. T.; vanDam, H. T.; VanDoorn, R. A.; Ponjes, J. J.; Sunstein, D. E.*
1973	148	13.2	Systems Approach to Color-TV Display Devices using Index	Arrigucci, A.*; Pandolfini, P.; Stefanutti, Stein, S. J.*; Huang, C.
1973	150	13.3	A Slow-Scan TV Camera for the Analysis of Fluctuating	Roberts, C. H.*
1973	154	14.1	Screen Printing Techniques for Economical Fabrication of	Skovholt, R. I.*
1973	156	14.2	LED Analog Meter and Speedometer	Debons, A.*
1973	158	14.3	Solid-State Vertical Scale Instruments	Deutsch, S.*
1973	162		Basic Considerations	Shurtleff, D. A.*
1973	164		Physiological and Psychological Aspects of Visual Perception	Burnette, K. T.*
1973	166		Legibility Research	Machover, C.*
1973	168		Data	Dunn, R. M.*
1973	170		Historical Review - The Past	
1973	163		The Present	
1974	9	2.1	History and Development of Color Picture Tube	Herold, E. W.*
1974	12	3.1	A Digital 4x4 Matrix-Multiplier for Computer Graphics with	Kraiss, K. F.*
1974	14	3.2	Source Coding as an Aid to Optimal Display Terminal Design	O'Reilly, J. J.*
1974	16	3.3	A Dual-Gun Scan Converter Tube with Organic Film Storage	Nishino, T.*; Maeda, H.
1974	18	3.4	A stretched Segment LED Display	Ikari, G. T.*; Haitz, R. H.; Jeung, P.;
1974	22	4.1	Internal Random Access Address Decoding in an AC Plasma	Schermerhorn, J. D.*
1974	24	4.2	Light Pen Capability on a Plasma Display Panel	Ngo, P. D. T.*
1974	26	4.3	Dynamic Light Pen Tracking on a Plasma Panel	Ngo, P. D. T.*; Ninke, W. H.
1974	28	4.4	AC Plasma Panel TV Display with 64 Discrete Intensity Levels	Anderson, B. C.*; Fowler, V. J.
1974	32	5.1	A Review of Video Disc Principles	Korpel, A.*
1974	34	5.2	A Transmission Mode Optical Video Disc System	Whitman, R. L.*
1974	36	5.3	A Photooptical Video Disc System	Kaczorowski, E. M.*; Jerome, J. A.
1974	38	5.4	A Video Disc Optical Design	Broussaud, G.*; Spitz, E.; Tinet, C.;
1974	40	5.5	An Optical Readout Video Disc System with Optoelectronic	Compaan, K.*; Kramer, P.
1974	46	6.1	Computer Holograms Revisited	Newell, J. C.*; Dickman, D. O.; Winkler,
1974	48	6.2	The Integration of Motion Pictures into Holograms	Jeong, T. H.*; Snyder, H.
1974	50	6.3	Stereoscopic Television Display for Radar Returns	Tewell, J. R.*; Polhemus, C. E.
1974	52	6.4	A Three Dimensional Display for Radar Returns	Cole, H. S.*; Skelly, D. W.; Stein, C. R.;
1974	54	6.5/1	Advanced Integrated Modular Instrumentation System	Mulley, W. G.*
1974	56	6.5/2	Acoustooptic Laser Display System	Green, H.*
1974	58	6.5/3	Hologram Optics in Head-Up Displays	Close, D. H.*

1974	60	6.5/4	Holographic Multicolor Moving Map Display	Quiring, K. D.*
1974	64	7.1	Software/Hardware Tradeoffs in the Design of an Intelligent	Caplan, D. I.*
1974	66	7.2	Satellite-Host Tradeoffs in Computer-Aided Design Systems	Hatvany, J.*
1974	68	7.3	Developing Man-to-Machine Software with Structured	Thompson, A. D.*
1974	70	7.4	TUTOR Graphic Capabilities	Tenczar, P.*
1974	72	7.5	Conic Curves for Graphics	Villalobos, L.*
1974	74	7.6	Menus as Devices	Berman, R. A.*
1974	80	8.1	LED Color Display with Inherent Memory	Suzuki, C.*; Uno, T.; Mito, S.
1974	82	8.2	The Thyroptor - A Gallium Phosphide LED with Internal Storage	Peaker, A. R.*; Pastore, V.; Mottram, A.;
1974	84	8.3	Stable High Brightness Thin-Film Electroluminescent Panels	Inoguchi, T.*; Takeda, M.; Kakihara, Y.;
				Nakata, Y.; Yoshida, M.
1974	86	8.4	TV Imaging System using Electroluminescent Panels	Mito, S.*; Suzuki, C.; Kanatani, Y.; Ise,
1974	88	8.5	Recent Progress in Electrophoretic Displays	Dalisa, A. L.*; Delano, R. A.
1974	90	8.6	A Low-Power Single-Chip Calculator using a Multiplexed Liquid	Fitzgibbons, E. T.*; Carlson, R. G.
1974	92	8.7	Transient Times of the Dielectric Deformation in a Nematic	Schiekel, M. F.*; Fahrenschon, K.;
1974	96	9.1	Human Factors of Optical Displays	Kicklighter, R. S.*; Witzel, R. F.
1974	98	9.2	Measuring the Information Contents of Visual Scenes	McKechnie, J. C.*
1974	100	9.3	Analysis of Perceived Image Quality	Cohen, R. W.*; Gorog, I.
1974	102	9.4	Peripheral Visual Response Time and Visual Display Layout	Haines, R. F.*
1974	104	9.5	Optical Characteristics of AC Plasma Panels	Burke, R. W.*; Hoehn, H. J.; Fein, M. E.
1974	106	9.6	The Format and Color of Small Matrix Displays for the use in	Ellis, B.*; Burrell, G. J.; Wharf, J.;
1974	110	10.1	Simulation/Past-Present-Future	McLanaghan, R.*
1974	112	10.2	Computer-Generated TV Imagery	Shinn, B. J.*
1974	114	10.3	Developments in Pilot Training	Waldrop, R. A.*
1974	118	11.1	Xenon-Based Gas Mixtures for AC Plasma Panels with	Hinson, D. C.*; Bennett, R. A.
1974	120	11.2	Color TV Display Using a Flat Gas-Discharge Panel	Fukushima, M.*; Murayama, S.; Kaji, T.
1974	122	11.3	32-Inch Graphic Plasma Display Module	Strom, R. A.*
1974	124	11.4	Single Substrate AC Plasma Display	Dick, G. W.*
1974	126	11.5	DC Gas Discharge Storage Displays	Walters, F.*
1974	128	11.6	The Multilayer Gas-Discharge Display Panel	Lustig, C. D.*; Baird, A. W.; Veron, H.;
				Armstrong, J. B.; Watts, G.
1974	132	12.1	Optical Characteristics of Projection Display Screens	DePalma, J. J.*
1974	134	12.2	High Gain Specular Screens	Hurd, Y. G.*
1974	136	12.3	A Light-Reflecting Electromagnetic Display	Peprnik, H. G.*
1974	138	12.4	7000-Lumen Color TV Projector Development	Hakewessell, D. B.*
1974	140	12.5	Optimum Photoconductor Thickness and Dielectric Constant for	Lakatos, A. I.*; Cook, W. H.; Pietrowski,
1974	142	12.6	Readout Considerations for a Class of Liquid Crystal Displays	Dir, G.*; Adams, J.; Haas, W.;
1974	146	13.1	On-Board Vehicle Route Instructions Via Plasma Display Panel	French, R. L.*
1974	148	13.2	Integrated, Universal Pilot Warning/Collision Avoidance Display	Buchanan, W. E.*; Kiley, E. F.
1974	150	13.3	Naval Environmental Display Station	Kerman, W. O.*; Reins, E. R.
1974	152	13.4	The EPIC-II System for Experimental Electronic Painting	Fowler, V. J.*
1974	164	13.5	Switching Properties of Twisted Nematic Liquid Crystal Displays	Gerritsma, C. J.*
1974	166	13.6	Operational Characteristics of a 6"x6" TFT Matrix Array Liquid	Brody, T. P.*; Luo, F. C.; Davies, D. H.;
1974	156	14.1	Knowledge Workshop Terminal Systems	Watson, R. W.*
1974	158	14.2	Systems Aspects of Displays	Liddle, D. E.*
1974	160	14.3	Document Storage and Retrieval	Hausman, L.*
1974	162	14.4	The Micrographics/Computer Information Display System	Merwin, R. L.*
1975	10	2.1	Wither Video Communications?	Cutler, C.C.*
1975	12	2.2	Automotive Digital Display Requirements	Trenne, M. U.*
1975	14	2.3	The Capacitance-Sensing Video Disc System	Keizer, E. O.*; Clemens, J. K.
1975	18	3.1	Low Cost Acoustooptic Modulators Moded from Plastic Material	Blazey, R. N.*
1975	20	3.2	The Specification of Acoustooptic Deflector Performance	Owens, J. C.*
1975	22	3.3	Light Valve Projection Displays for Information System	Vance, D. W.*; Keenan, P. B.
1975	24	3.4	Recent Advances in the Single-Gun Color-TV Light-Valve	Good, W. E.*

1975	26	3.5	A New TV Projection Light Valve	Jacobson, A. D.*; Grinberg, J.; Bleha, W. P.; Miller, L. J.; Fraas, L. M.;
1975	28	3.6	The Mirror Matrix Tube: A Light-Valve for Projection Displays	Thomas, R. N.*; Guldborg, J.; Nathanson, H. C.; Malmberg, P. R.; Judice, C. N.
1975	32	4.1	Dithersivision - A Collection of Techniques for Displaying Continuous Tone Still-and-Animated Pictures on Bilevel	Stucki, P.*
1975	34	4.2	Comparison and Optimization of Computer-Generated Digital	Floyd, R. W.*; Steinberg, L.
1975	36	4.3	An Adaptive Algorithm for Spatial Grey Scale	Andrews, H. C.*
1975	38	4.4	Realtime Digital Color Interactive Image Restoration and	Lappalainen, P.*
1975	40	4.5	Conversion of Digitally-Defined Conic Sections into Raster Scan Format by Special-Purpose Hardware	Lowry, J. D.*
1975	42	4.6	Realtime Signal Processing for Image Display and Film	Kramer, W. E.*; McGee, J. H.; Hersh, H.
1975	48	5.1	Electrochemical Displays: A Bird's-Eye View	McGee, J. H.*; Kramer, W. E.; Hersh, H.
1975	50	5.2	A Tungsten Bronze Electrochemical Character Display	Giglia, R. D.*
1975	52	5.3	Features of an Electrochromic Display Device	Budinger, A. B.*
1975	54	5.4	Positive Column Discharge Cells for Multicolor Display Panels	DeJule, M. C.*; Chodil, G. J.
1975	55	5.5	High-Efficiency, High-Luminance Gas-Discharge Cells for TV	Cheek, T. B.*
1975	60	6.1	Improving Performance of DVST Display Systems	Courtan, B. M.*; Kleehammer, R. J.
1975	62	6.2	Recording Storage Tubes for Airborne Applications	Saito, T.*; Ogawa, M.
1975	64	6.3	Measurements of the Current Density of Focused Electron	Bloss, W. H.*; Hewig, G. H.
1975	66	6.4	Image Storgae by a Thin-Film PN Cu2S-CdS Heterojunction	Suciu, P. I.*; Hodges, D. A.
1975	68	6.5	Image Contour Extraction with Analog MOS Circuit Techniques	Kaplan, S. H.*; Lange, H.
1975	70	6.6	The Chroma-Filter Color Tube: A High-Contrast, Negative Guard Band Color Tube using Selective Color Filters	Goodman, L.*; Meyerhofer, D.
1975	76	7.1	Liquid-Crystal Field-Effect Devices Operating in the Multiplexed	Lipton, L. T.*; Meyer, M. A.; Massetti, D.
1975	78	7.2	A Liquid Crystal TV Display using a Silicon-On-Sapphire	Uehara, K.*; Mada, H.; Kobayaski, S.
1975	80	7.3	A Realtim Matrix Liquid Crystal Display	Brody, T. P.*; Yu, K. K.; Sienkiewicz, L.
1975	82	7.4	Electroluminescent Display with Nonvolatile Storage	Alt, P. M.*; Pleshko, P.
1975	84	7.5	Frame-Time Analysis of the Performance of Refreshed Matrix-	Kahn, F. J.*; Burmeister, Jr. R. A.
1975	86	7.6	Multiplexed Twisted Nematic Liquid Crystal Display	Davis, A.*; Thomas, I. M.
1975	88	7.7	A Colloidal Light Valve Digital Display	Cohen, R. W.*; Gorog, I.
1975	92	8.1	Perceived Information Content of Displayed Images	Poularikas, A. D.*; Lawing, W. D.; Peter, Schubert, E.*
1975	94	8.2	Legibility of Dot-Type Displays	Tyte, R. N.*; Wharf, J. H.; Ellis, B.
1975	96	8.3	Comparative Studies on the Readability of CRT-Generated	Helm, W. R.*
1975	98	8.4	Visual Response Times in High-Ambient Illumination	Bloomfield, J. R.*; McAleese, K. J.
1975	100	8.5	The Function Description Inventory as a Human Factors Tool in Evaluating Total System Effectiveness	Valberg, A.*
1975	102	8.6	Effect of Changes in Visual Parameters of Helmet-Mounted Displays on Target-Acquisition Performance	Ngo, T. P.D.*
1975	104	8.7	A Saturation-Luminance Function for Color Displays	Schermerhorn, J. D.*
1975	110	9.1	Light Pen Detection Over Dark Areas of an AC Plasma Panel	Coleman, W. E.*; Craycraft, D. G.
1975	112	9.2	A Shift-Logic Plasma Display/Memory Unit	Criscimagna, T. N.*
1975	114	9.3	A Serial Input Plasma Charge Transfer Display Device	Tottori, H.*; Hatabe, E.; Isogai, F.;
1975	116	9.4	Low-Voltage Selection Circuits for Plasma Display Panel	Murase, K.*; Andoh, S.; Umeda, S.;
1975	118	9.5	A Driving Circuit for Plasma Display Panels	Goddard, M. C.*
1975	120	9.6	A Driving Technique to Stabilize AC Plasma Display	Yoo, J. K.*; Tou, J. T.
1975	124	10.1	An Interactive Learning Terminal	Edelheit, D.*
1975	126	10.2	A Line-Drawing Processing System for Interactive Storage,	Sabath, J.*
1975	128	10.3	An Interactive Map Projection Generation System	Fakharzadeh, A. M.*
1975	130	10.4	An Experimental System for Evaluating Datalink Cockpit	Hillier, J.*
1975	132	10	Computer Generated Cross Sections of Solid Objects	Rose, A.*
1976	10	2.1	KEYNOTE: Some Thoughts on the Future of Information	Teichner, W. H.*
1976	13	2.2	Vision - Human and Electronics	Myers, R. A.*
1976	14	2.3	Design Principles for the use of Color in Displays	
1976	19	3.1	Computer Output Printing	

1976	20	3.2	Potential Speed and Resolution Capabilities for Ink Jet Printing	Stone, J. J.*
1976	22	3.3	High Speed Serial Ink Jet Printer	Sumitomo, Y.*; Kinpara, S.; Mito, S.; Takan;o, R.; Yonekowa, M.
1976	24	3.4	Aerosol Jet Printing	Pennebaker, W. B.*
1976	26	3.5	Controlled Ion-Flow Electrostatic Printing	Pressman, G. L.*
1976	28	3.6	Microprocessor Compatible Thermal Printhead	Henrion, W. S.*
1976	30	3.7	High Resolution Thermal Printer	Nakaya, S. S.*; Watanabe, A.; Katsuta, Ono, K.*; Mitani, E.; Kaneko, E.; Sato, M.; Fujii, S.; Furuuchi, S.
1976	34	4.1	Large-Scale Liquid Crystal Matrix Display	Kmetz, A. R.*
1976	36	4.2	Twisted Nematic Displays for Multiplexing	Channin, D. J.*
1976	38	4.3	Triode Optical-Gate Liquid Crystal Devices for Dynamic Image	Carl, W. L.*; Stein, R.
1976	40	4.4	A Non-Scanning Matrix Addressing Scheme for Certain Liquid	Sherr, S.*
1976	42	4.5	A Liquid Crystal Bar Graph Meter	Stephens, C. P.*; Lipton, L. T.
1976	44	4.6	A Multichip MOS Video Rate Liquid Crystal Display	Martin, W. L.*
1976	46	4.7	Human Factors Design Criteria for Liquid Crystal Displays	Suzuki, C.*; Kanatani, Y.; Ise, M.; Mizukami, E.; Inazaki, K.; Mito, S.
1976	50	5.1	Character Display using Thin-Film EL Panel with Inherent Memory	Suzuki, C.*; Kanatani, Y.; Ise, M.; Mizukami, E.; Inazaki, K.; Mito, S.
1976	52	5.2	Optical Writing on Thin-Film EL Panel with Inherent Memory	Frescure, B. L.*
1976	54	5.3	Limitations on the Size of Monolithic XY-Addressable LED	Lee, L. L.*
1976	56	5.4	Some Recent Advances on the Development of the Magnetic	Miller, J. W. V.*; Schermerhorn, J. D.
1976	58	5.5	Bipolar Integrated Circuit Plasma Panel Drive System	Cribbs, A. C.*; Ngo, T. P. D.
1976	60	5.6	A Display/Memory Unit with Light Pen Capability	Wherry Jr., R. J.*
1976	64	6.1	VRAS - A Voice Recognition and Synthesis System	Bentley, T. L.*; Meyer, G. W.
1976	66	6.2	Design and Evaluation of a Text Editing Console	Kalin, R. B.*
1976	68	6.3	A Display Processor for High Efficiency Text Editing	Sosnowski, T. F.*; Brainard, R. C.
1976	70	6.4	A Microprocessor-Based Visual Communication Terminal	Heller, D. J.*; Fagan, B. H.
1976	72	6.5	Microprocessor-Based Display Terminal	Rieger, M. L.*
1976	74	6.6	A Monolithic Constant-Velocity Vector Generator	Yamashita, H.*; Andoh, S.; Shinoda, T.
1976	80	7.1	A Green AC Plasma Display	Weber, L. F.*
1976	82	7.2	Theory of Memory Effects for the AC Plasma Display Panel	Ngo, T. P. D.*
1976	84	7.3	State Flipping of a Plasma Panel Cell	Criscimagna, T. N.*; Biedi, J. R.;
1976	86	7.4	Coupled-Matrix, Threshold-Logic AC Plasma Display Panel	Atkins, J. O.*
1976	88	7.5	Tubular Transparent Plasma Graphics Panel	McDonough, M.*; Budinger, A. B.
1976	90	7.6	The Analysis and Performance of Hg-Buffer Gas Display Panel	Wasserman, J.*
1976	94	8.1	Graphnumeric Displays - An Emerging Market	Botticelli, R. A.*; Walker, D. J.;
1976	96	8.2	Accessing and Displaying Stored Microimage Information	Wallmark, G. N.; Luther, D. A.
1976	98	8.3	An Interactive Ocean-Traffic Geographic Display System	Arkin, S. E.*; Martin Jr., B. E.
1976	100	8.4	Human Factors Aspects of Display Design	Rosenthal, R. I.*
1976	102	8.5	An Associative Approach to Display Processing	Vocar, J. M.*; Meilander, W. C.
1976	104	8.6	A Three-Dimensional Display with True Depth and Parallax	Lazik, G. L.*
1976	110	9.1	Dot-Matrix Alphanumeric Identification as a Function of Font and Discrete Element Degradation	Riley, T. M.*
1976	113	9.2	Relative Effectiveness of Color Coding	Christ, R. E.*
1976	114	9.3	Target Acquisition Performance with Color Versus Black and	Wagner, D. W.*
1976	116	9.4	A Comparative Study of Active and Passive Displays for Cockpit	Wharf, J. H.*; Peters, D. V.; Tyte, R. N.;
1976	119	9.6	Computer Input using Reduced Keysets	Hilborn, E. H.*
1976	124	10.1	Twenty-Five Years Without Panel TV	Schwartz, J. W.*
1976	126	10.2	A New Cathode-Ray Tube for Alphanumeric Computer	Haflinger, D. J.*
1976	128	10.3	A Monolithic IC for Pincushion Distribution and Defocus	Golladay, H. L.*; Rosario, B. A.
1976	130	10.4	Flat Panel Multi-Digit Fluorescent Display	Kiyozumi, K.*; Masuda, M.; Nakamura, Sirkis, M. D.*; Refioglu, H. I.; Kaufman,
1976	132	10.5	A Hybrid Flat Display System	Schulman, R.*; Schwartz, J. W.
1976	134	10.6	A Novel Cathodoluminescent Flat Panel TV Display	Thoman, R. E.*; Wileman, R. A.; Veron,
1976	138	11.1	A New High Performance Large Screen CRT Projector	

1976	140	11.2	A Bistable Electret Display Device	Bruneel, J. L.*; Crosnier, J. J.;
1976	142	11.3	A Low Noise Image Amplifier	Pollack, J. M.*; Flannery, J. B.
1976	144	11.4	Improved Liquid Crystal Image Storage Device	Adams, J. E.*; Dir, G. A.; Gates, I. P.;
				Hass, W. E.; Nelson, K. F.; Stephany, J.
1976	148	12.1	Data Reduction of Dither Coded Images by Bit Interleaving	Judice, C. N.*
1976	150	12.2	Compressing Ordered Dither Images with 2-D Pattern Matching	Johnson, R. L.*; White, A. B.
1976	152	12.3	Efficient Frame Freeze Memory Storage of a Color TV Picture	Solomon, R. D.*
1977	11	2.1	Moving and Idea from R&D to the Marketplace	Tribus, M.*
1977	12	2.2	The System Behind Color Television Displays	Fink, D. G.*
1977	14	2.3	The Perfect Television Picture	Wright, W. D.*
1977	18	3.1	Plasma Display/Memory Panel Fabrication	Hoehn, H. J.*
1977	20	3.2	Plasma Display/Memory Panel with Integral Drive Circuitry	Johnson, W. E.*; Oster, E. A.; Hoehn,
1977	22	3.3	A Minimum Component Per Line Technique for Addressing	Tucker, P. T.*; Bitzer, D. L.
1977	24	3.4	Optimization of AC Plasma Panel Waveforms	Miller, J. M. V.*
1977	26	3.5	A Microcomoputere Drive Graphic Display System Using the 1024x1024 (83 Ipi) AC Plasma Display Panel	Coates, W. J.*; Czajkowski, R.;
				FitzHenry, P.; Johnson, R. L.; Stone, M.
1977	30	4.1	The Design of Future Display Systems Based Upon Achievements of the NASA Manned Spacecraft Mission Control	Hendrickson, H. C.*
1977	32	4.2	Stereoscopic Television Systems: Review of Applications and Investigation of System Parameters	Zamarin, D. N.*
1977	34	4.3	Recent Advances in Helicopter Electronic Pilot Displays	Cooper, P. G.*
1977	36	4.4	A Microprocessor-Based Dual Display Terminal	Luther, D. A.*
1977	44	5.1	Matching Image Resolution to the Eye Resolution	Kraiss, K. F.*; Schubert, E.
1977	46	5.2	Subjective Sharpness of Displayed Images as a Function of the Display Modulation Transer Function	Carlson, C. R.*; Cohen, R. W.; Gorog,
				I.; Heyman, P. M.
1977	48	5.3	Color Discrimination in Digital Displays	Doucette, A. R.*
1977	50	5.4	Color Research for Visual Displays	Christ, R. E.*
1977	52	5.5	Optimum Matrix Character Set for Computer Output Systems	Suen, C. Y.*; Shiau, C.
1977	54	5.6	Fail-Safe matrix-Fonts	Tannas Jr., L. E.*
1977	58	6.1	A Twisted Nematic Dual Bargraph System	Kmetz, A. R.*
1977	60	6.2	Twisted Nematic Flat-Panel Display	Dargent, B.*; Robert, J.
1977	62	6.3	A Multiplexed 64-Character Liquid Crystal Display with	Bigelow, J. E.*; Castleberry, D. E.;
1977	64	6.4	A Fully Integrated MOS Liquid Crystal Video-Rate Matrix Disply	Lipton, L. T.*; Stephens, C. P.; Lloyd, R.
1977	66	6.5	A New Class of Low Melting Nematic Compounds	Eidenschink, R.*; Pohl, L.; Krasue, J.;
1977	68	6.6	Technique for Reducing Decay Time in Twisted Nematic Cells	Aftergut, S.*; Cole Jr., H. S.
1977	74	7.1	A Shifting Mechanism Based on Change Spreading for an	Ngo, P. D. T.*
1977	76	7.2	Driving Technique for Self-Shift PDP	Ishizaki, H.* Yamaguchi, H.; Kashiwara,
1977	78	7.3	Self-Shift PDP with Meander Electrodes	Andoh, S.*; Oki, K-i; Yoshikawa K.
1977	80	7.4	A Positive Column Discharge Memory Panel for TV Display	Mikoshiba, S.*; Shinada, S.; Takano, H.;
1977	82	7.5	Scaling of Positive Column Hg-A Discharges Towards Display	Weysenfeld, C. H.*; Matthey, M. M.
1977	86	8.1	New Horizons for Electroluminescence in Display Devices	Mito, S.*
1977	88	8.2	Blue, Green and Red DC EL CaAs and SrS Displays	Vecht, A.*; Highton, M.; Mayo, J.
1977	90	8.3	Optical Writing and Erasing on EL Graphic Displays	Suzuki, C.*; Ise, M.; Inazaki, K.; Mito, S.
1977	92	8.4	TFT-EL Bargraph Display	Davies, D. H.*; Asars, J. A.; Greeneich,
1977	95	8.5	A Ten-Thousand Element Liquid Crystal Matrix Display	Nelson, K. F.*; Pollack, J. M.; Stephany,
				J. F.; Dir, G. A.; Gates, I. P.; Adams, J.
1977	96	8.6	A New Display Configuration for Dichroic Liquid Liquid Displays	Cole Jr., H. S.*; Kashnow, R. A.
1977	99	8.7	Fluorescence Activated Liquid Crystal Display	Baur, G.*; Greubel, W.
1977	104	9.1	The use of the Hybrid Field-Effect Mode Liquid Crystal Light Valve with Visible Spectrum Projection Light	Bleha, W. P.*; Grinberg, J.; Jacobson,
				A. D.; Myer, G. D.
1977	106	9.2	A New Color TV Projector	Jacobson, A. D.*; Boswell, D. D.;
				Grinberg, J.; Bleha, W. P.; Rief, P.;
1977	108	9.3	A 2000-Character Thermally-Addressed Liquid Crystal Projection Display	Dewey, A. G.*; Jacobs, J. T.; Huth, B.
				G.; Sincerbox, G. T.; Sprokel, G. J.;
1977	110	9.4	Color-Image Storage and Display Using Surface-Relief	Engelbrecht, R. S.*; Gale, M. T.; Knop,
1977	112	9.5	Matrix-Addressed Magnetic Particles Displays	Lee, L. L.*

1977	114	9.5	The Gyricon - A Twisting Ball Display	Sheridon, N. K.*; Berkovitz, M. A.
1977	118	10.1	Contrast Enhancement of CRT Displays	Carroll, G.*
1977	120	10.2	Realtime Detection and Display of Low Level/Low Contrast Images Using High Speed Digital Storage and Processing	Mengers, P.*; Dahlberg, R.; Barrett, J.
1977	122	10.3	Dither-Quantized Pulse Amplitude Modulation for Inexpensive	Lippel, B.*
1977	124	10.4	Adaptive Switching of Dispersed and Clustered Halftone Patterns for Bi-Level Image Rendition	Wong, K. Y.*; Stucki, P.
1977	126	10.5	Visual Effects in Binary Display of Continuous-Tone Images	Roetling, P. G.*
1977	128	10.6	A High-Quality Color Image Simulator	Kicklighter, R.*
1977	132	11.1	Recent Advances in Direct Viewing Storage Tubes	Curtin, C.*
1977	134	11.2	A Box-Shaped Scan Expansion Lens for an Oscilloscope CRT	Odenthal, C.*
1977	136	11.3	A Computer Modeling Approach to Color CRT Deflection Yoke	Hutter, R.*; Bernstein, G.; Dressel, H.;
1977	138	11.4	Electron Beam Addressed Microchannel Plate Gain Studies	Sang, E.*
1977	140	11.5	Characterizing High Frequency CRTs with Time Domain	Saba, M.*; Anderson, D. A.
1977	144	12.1	Computerized Tomography Displays	Gordy, L. H.*
1977	146	12.2	Film in Medical Diagnostic Imaging	Vizy, K. N.*
1977	148	12.3	Interactive Compute-Displays for Educational Diagnosis	Loshin, A. M.*
1977	150	12.4	An Anticipatory Display for Communication by the Severely	Crochetiere, W.*; Baletsa, G.; Foulds,
1977	152	12	A Tactile Informational Transfer System for Hand-Held Depth	Rivers, D. B.*; Smith, D. H.
1978	11	3.1	History of the Space Shuttle	Slayton, D. K.*
1978	14	4.1	Photoferroelectric Image Storage and Contrast Modification in	Land, C. E.*; Peeroy, P. S.
1978	16	4.2	3-D Computer Graphics using PLZT Electrooptic Ceramics	Khalafalla, A. S.*; Roese, J. A.;
1978	18	4.3	Displays Using a Piezoelectric Polymer Device Element	Toda, M.*; Osaka, S.
1978	22	5.1	A Refreshed Matrix-Addressed Electrochromic Display	Arellano, A. G.*; Keller, G. S.; Melz, P. J.; Shattuck, M. D.; Wilbur, C. V.
1978	24	5.2	A Multicolor Electrochromic Display	Nicholson, M. M.*; Galiardi, R. V.
1978	28	6.1	Design Principles for the Use of Color in Displays	Krebs, M. J.*
1978	30	6.2	A Model for Predicting the Just-Noticeable Difference in Image Structure as a Function of Display Modulation	Carlson, C. R.*; Cohen, R. W.
1978	32	6.3	A Comparison of Several TV Display Image Quality Measures	Task, H. L.*; Pincus, A. R.; Hornseth, J.
1978	34	6.4	Resolution Model for a CRT-Based Person/Machine Interface	Geiser, D. M.*; Lubert, N. D.; Chang, I.
1978	36	6.5	Human Resolution Limits for Moving Visual Displays	Tyler, C. W.*
1978	40	7.1	High Resolution Shift Panel	Beidl, J. R.*; Campagna, F. J.;
1978	42	7.2	A Partial Shift Technique for Self-Shift PDPs	Murase, K.*; Yamaguchi, H.; Ueda, Y.
1978	44	7.3	The Dependence of the Spectral and Electrical Properties of AC Plasma Panels on the Choice and Purity of the Gas Mixture	Ahearn, W. E.*; Sahni, O.
1978	46	7.4	Color TV Display Using 10" Planar Positive-Column Discharge Panel	Kneko, R.*; Kamegaya, T.; Yokozawa, M.; Matsuzaki, H.; Suzuki, S.
1978	48	7.5	Implementation of an Advanced Plasma Display Terminal	Turner, L.*
1978	54	8.1	The Interpretability of Hard Copy and Soft Copy Displays	Latshaw, G. L.*; Zuzelo, P. L.; Briggs, S.
1978	56	8.2	An Experiment Comparing CRT and Bilevel Display of Multi-Gray Level Data	Price, J. N.*; Chase, P. S.; Thomson, W. G.; Pitzer, A. E.; White, A. B.
1978	58	8.3	The Use of Color to Minimize Clutter on a Digital TV Situation	Adams, L. M.*
1978	60	8.4	Contrast Sensitivity of the Human Eye to Various Display	Verona, R. W.*
1978	62	8.5	Perception: Spatial Frequencies and Substitute Vision for the	McLeod, R. D.*
1978	66	9.1	A Vacuum Deposition Alignment Technique for Tilt Control in	Dir, G. A.*; Gates, I. P.; Nelson, K. F.
1978	68	9.2	A Figure of Merit Characterizing the Anisotropic Viewing Properties of the Twisted Nematic Liquid Crystal Display	Penz, P. A.*
1978	70	9.3	Characterization and Optimization of Twisted Nematic Displays	Kmetz, A. R.*
1978	72	9.4	Alphanumeric Liquid Crystal System for Portable Computer Terminals	Odawara, K.*; Ishibashi, T.; Toriyama, K.; Kohyama, M; Sakurada, H.
1978	74	9.5	Reflective Mode, 40 Character, Alphanumeric Twisted Nematic	Kahn, F. J.*
1978	80	10.1	High Performance Color Raster-Scan Display without using Bit-	Cheek, T. B.*
1978	82	10.2	High Resolution Display of Weather Graphics	Fisher, J. B.*
1978	84	10.3	System Control with an Interactive Display Device	Herron, E. L.*
1978	86	10.4	A Communication Aid That Talks	DeHaven, D.*; Fons, K.

1978	88	10.5	Flat Cathode-Ray-Tube Display	Scott, W. C.*; Holton, W. C.; Manns, W. G.; Weirauch, D. F.; Namordi, M.;
1978	92	11.1	Liquid Crystal TV Display	Kaneko, E.*; Kawakami, H.; Hanmura,
1978	94	11.2	Alphanumeric and Video Performance of a 6"x6" 30 Lines-per-inch Thin-Film Transistor Liquid Crystal Display Panel	Luo, R. C.*; Hester, W. A.; Brody, T. P.
1978	96	11.3	A 2.5" Diagonal, High Contrast, Dynamic Scattering Liquid Crystal Matrix Display with Video Drivers	Lipton, L. T.*; Stephens, C. P.; Lloyd, R. B.; Shields, S. E.; Toth, A. G.; Tsai, R.
1978	98	11.4	Liquid Crystal Oscilloscope Display	Shanks, I. A.*; Holland, P. A.; Hughes,
1978	100	11.5	Two-Frequency 100-Line Addressing of a Reflective Twisted Nematic Liquid Crystal Matrix Display	vanDoorn, C. Z.*; deClerk, J. J. M. J.
1978	102	11.6	Low-Melting Nematic Compounds: CCH	Eidenschink, R.*; Pohl, L.; Krause, J.; Erdmann, D.; Macklin, R.
1978	108	12.1	A High Performance Graphic Generator	Thong, T.*; Francis Jr., J. E.
1978	110	12.2	High Speed Geometric Transformations with Low Cost Matrix	Rieger, M. L.*
1978	112	12.3	Single-Chip Controller for Raster-Scan CRT Displays	Kuboki, S.*; Hamada, N.; Iwamura, M.; Kawamoto, Y.; Yamada, S.; Hatsukamo, Infante, C.*
1978	114	12.4	A Fast-Switching Video Amplifier for CRT Displays	DeVey, W.*
1978	116	12.5	Large-Screen Direct View Storage Monitor	Woody, T.*
1978	118	12.6	Improved Phosphor Life in Direct View Storage CRTs	Catanese, C. A.*; Endriz, J. G.
1978	122	13.1	The Physical Mechanisms of Feedback Multiplier Electron	Endriz, J. G.*; Keneman, S. A.;
1978	124	13.2	Flat TV Display using Feedback Multipliers	Catanese, C. A.; Johnston, L. B.
1978	126	13.3	Feedback Multiplier Flat Panel Technologies	Cosentino, L. S.*; Christiano, V.; Endriz, J. G.; Dresner, J.; Stockdate, G. F.; Cooper, J. L.; Hewitt, J. N.; Harrison Jr.,
1978	130	14.1	Low Voltage DC Electroluminescence in ZnS (Mn, Cu) Thin-Film	Abdalla, M. I.*; Thomas, J. A.
1978	132	14.2	EL TV Display with Stop Motion	Kako, N.*; Yamane, Y.; Suzuki, C.
1978	134	14.3	Direct Electrical Readout from Thin-Film EL Panels	Suzuki, C.*; Ise, M.; Inazaki, K.;
1978	136	14.4	Blue, Green and Red DC EL Displays	Higton, M.*; Vecht, A.; Mayo, J.
1978	138	15	High Resolution Thin-Film Matrix Display Device	Ketchpel, R. D.*; Santha, I. S.; Hale, L.
1979	11	3.1	A Real Demand for Display Information	Davis, R. M.*
1979	14	4.1	Technology and Industry Policy and Its Impact on National Competitiveness in the Context of U.S.-Japan Commercial	Tanaka, H. W.*
1979	16	4.2	Displays in the Next Decade	Rajchman, J. A.*
1979	20	5.1	Recent Advances in High Brightness and High Resolution Color	True, T. T.*
1979	22	5.2	Application of the Liquid Crystal Light Valve to a Large Screen Graphics Display	Hong, B. S.*; Lipton, L. T.; Bleha, W. P.;
1979	24	5.3	Improved Projection Display using Replica Optics	Colles, J. H.; Robusto, P. F.
1979	28	6.1	Analysis of Display Parameter Interaction and CRT System	Howden, H.*; Freeman, K. G.
1979	30	6.2	Distributed Intelligence in a Graphic Display System	Elliot, W. R.*
1979	32	6.3	Bimodal Display of Topographic Information	Hatvany, J.*; Verebely, P.
1979	36	7.1	Gray Scale Thermal Recording	Bramley, J.*; Trelinskie, E. G.
1979	38	7.2	High Speed Thermal Recording	Nakaya, S.*; Saito, K.; Nakano, K.
1979	40	7.3	Analytical Design Method of Ink Jet Printing	Saito, K.*; Nakano, K.; Murasugi, K.;
1979	42	7.4	Optimizing the Printing Speed and Printout Quality of an Electrophotographic Laser Beam Printer using Overcoated	Takano, R.*
1979	44	7.5	A Stylus Writable Electrophoretic Display Device	Wu, A. C.*
1979	46	7.6	An Electrophoretic Radiographic Device	Chiang, A.*; Curry, D.; Zarzycki, M.
1979	54	8.1	A Vertical Self-Shift Plasma Display Panel	Murau, P.*; Liebert, R.; Singer, B.
1979	56	8.2	Aging and Burn-In Behavior of AC Plasma Panels	Sato, S.*; Andoh, S.; Kurokawa, K.
1979	58	8.3	A 240-Character Vacuum Fluorescent Display and its Driving	Pleshko, P.*
1979	60	8.4	Thin-Film Transistor Switching of Thin-Film Electroluminescent	Kasano, K.*; Shimojyo, T.; Masuda, M.;
1979	62	8.5	Multi-Mode Matrix LED Display Program	Kum, Z. K.*; Luo, F. C.; Murphy, J.
1979	64	8.6	Metal-Elastomer Display Connectors	Burnette, K. T.*; Melnick, W.
1979	68	9.1	CRT for Displaying Nanosecond Transients	Buchoff, L. S.*
1979	70	9.2	Penetration and Cathodoluminescent Properties of a La2O2S	Janko, B.*
				Burilla, C. T.*; Rafuse, M. J.; Kestigian,

1979	72	9.3	Log Taper Magnetic Deflection	Sawyer, C.*
1979	74	9.4	Non-Glare Concave Surface CRT	Miyazaki, E-i*;
1979	78	10.1	Transmissive Electrochromic Display with a Porous Crystalline	Matsuhira, K.*; Masuda, Y.
1979	80	10.2	Thin-Film Iron-Garnet Display Components	Hill, B.*; Schmidt, K. P.
1979	86	11.1	Solid-State Storages for Display	Chang, H.*
1979	88	11.2	Diode Laser Data Recording	Kleuters, W. J.*; Carasso, M. G.;
1979	91	11.3	High Performance Optical Disc Recording Structures	Bartolini, R. A.*; Bell, A. E.
1979	92	11.4	Replication of Optical Discs	Howe, D. G.*; Thomas, H. T.; Wrobel, J.
1979	96	12.1	Kinesthetic-Tactual Display for Helicopter Control	Sun, P. B.*; Dunn, R. S.; Gilson, R. D.
1979	98	12.2	Visibility of Information of Sampled/Raster Displays	Carlson, C. R.*; Cohen, R. W.
1979	100	12.3	Ordered Dither for TV: Generation and Properties	Lippel, B.*
1979	102	12.4	An Optimum Algorithm for Halftone Generation for Displays and	Holladay, T. M.*
1979	104	12.5	Design Considerations for Teleconferencing Systems	White, A. B.*
1979	106	12.6	A Graphics Communication System for the Switched Network	Mina, K. V.*; Schulte, H. J.
1979	110	13.1	General Theory of Matrix Addressing Liquid Crystal Displays	Clark, M. G.*; Shanks, I. A.; Patterson,
1979	112	13.2	Addressing Methods for Non-Multiplexed Liquid Crystal	Shanks, I. A.*; Holland, P. A.
1979	114	13.3	Storage-Type Liquid Crystal Matrix Display	Tani, C.*; Ogawa, F.; Naemura, S.;
				Ueno, T.; Saito, F.; Kogure, O.
1979	116	13.4	512-Character Display of Reflective Twisted Nematic Liquid Crystal by Two-Frequency Addressing	Hosokawa, M.*; Kanbe, S.; Nagata, M.;
				Nakamura, H.
1979	118	13.5	Properties of a Display Device using Depolarization in a Twisted Nematic Liquid Crystal Layer	Uchida, T.*; Ishi, Y.; Wada, M.
1979	120	13.6	An 80-Character Alphanumeric Liquid-Crystal Display System for Computer Terminals	Odawara, K.*; Ishibashi, T.; Kinugawa,
				K.; Sakurada, H.; Tanaka, H.
1979	122	13.7	Reflective and Positive Mode Color LCD using Cholesteric- Nematic Phase Change Type Guest Host Effect	Ueno, T.*; Tani, C.; Ogawa, F.;
				Naemura, S.; Saito, F.
1979	124	13.8	A Method for Constructing Very Large Light Field Pleochroic	Berman, A. L.*; Kramer, G.
1979	126	13.9	Single Polarizer Twisted Nematic Display	Kmetz, A. R.*
1980	13	3.1	Toward an Information Efficient Executive Office of the	Harden, R.*
1980	16	4.1	Advanced System Planning of the U. S. Postal Service for the	Marcotte, R. P.*
1980	18	4.2	Consumer Information Display Systems	Ciciora, W. S.*
1980	22	5.1	Recent Flat-Panel Display Developments in Japan	Kojima, T.*
1980	24	5.2	Ladder Mesh and Slalom Electron Guides for Flat Cathodoluminescent Displays	Siekanowicz, W. W.*; Credelle, T. L.;
				Vacarro, F. E.; Anderson, C. H.
1980	26	5.3	Cathodoluminescent Flat Panel TV using Electron Beam Guides	Credelle, T. L.*; Anderson, C. H.;
				Marlowe, F. J.; Gange, R. A.; Fields, J.
1980	28	5.4	Brightness Uniformity in Liquid Crystal Displays	Kawakami, H.*; Hanmura, H.; Kaneko,
1980	30	5.5	Liquid Crystal Matrices for TV and Colored Graphic Displays	Robert, J.*; Clerc, F.
1980	32	6.1	Integrated Military Aircraft Displays and Controls	Moran, J. F.*
1980	34	6.2	Software for Realtime Graphics	Michener, J. C.*; Sroka, J. V.
1980	36	6.3	Diffraction Optics Head-Up Display Technology	Weihrauch, M.*; Lohmann, R. A.
1980	38	6.4	Helmet-Mounted Display System for Attack Helicopters	Walker, D. J.*; Verona, R. W.; Brindle,
1980	40	6.5	Human Factors and Terrain Map Display Design	Kuperman, G. C.*; Burns, R. K.;
1980	42	6.6	Target Cues Simulator with Variable Image Speed	Lewis, D. E.*; Kuperman, G. G.
1980	46	7.1	Quadrupole Post-Focusing Shadowmask CRT	vanAlphen, M.*; van den Berg, J.
1980	48	7.2	Magnetic Post-Focusing in Shadowmasks for Color Picture	Verweel, J.*
1980	50	7.3	CRT Cathode Temperature Control for High Current Densities	Dallos, A.*; Buckbee, J. A.; Spencer, G.
1980	52	7.4	Computer Calculation of Field Energy Storage and Inductance in Magnetic Deflection Yokes by Multiple Field Analysis	Ritz Jr., E. F.*
1980	54	7.5	Application of Third-Order Theory of Magnetic Deflection to the Deflection of Convergent Electron Beams	Heijnemans, W. A. L.*
1980	56	7.6	Field Calculations for Distortion Analysis in Magnetic Deflection	Elliott, W. R.*
1980	58	7.7	Electron Optics for Penetration CRTs	Balandin, G. D.*; Rumiantsev, N. G.
1980	66	8.1	Practical Application Technologies of Thin-Film Electroluminescent Panels	Takeda, M.*; Kanatani, Y.; Kishishita,
				H.; Inoguchi, T.; Okana, K.

1980	68	8.2	High Resolution Thin-Film EL TV Display System	Ketchpel, R. D.*; Graves, S. P.; Kilcoyne, M. K.; Lim, T. C.; Armijo, D. L.;
1980	70	8.3	High Density Interconnect for High Resolution EL Video Display	Ketchpel, R. D.*; Armijo, D. L.; Lim, T.
1980	72	8.4	Hermetically Sealed High Contrast EL Display	Kilcoyne, M. K.*; Cserhati, A. F.*; Armijo, D. L.; Santha, I. S.*; Garcia, B.
1980	74	8.5	A Random Access Memory 26x258 Dot Flat Panel Vacuum	Kasano, K.*; Masuda, M. Nakamura, T.
1980	78	9.1	AC Plasma Display Panel Repair	Pleshko, P.*; Greeson Jr., J. C.;
1980	80	9.2	Plasma Display Memory Monitor Requirements and	Schermerhorn, J. D.*
1980	82	9.3	Plasma Display/Memory Monitor Electronics	Curran, P.*
1980	84	9.4	Electron Transport Self-Shift Display	Ngo, P. D. T.*
1980	86	9.5	Blue Color AC Plasma Panel	Sahni, O.*
1980	88	9.6	Improving the Memory Margin in Plasma Display Panels	Lyons, N.*; Bitzer, D.; Tucker, P.
1980	92	10.1	Realtime Spatial Filtering and Correction of Video Images	Frei, W.*; Dahlberg, R.
1980	94	10.2	Systems Approach for Bilevel Printer/Display Thresholding with	White, J. M.*
1980	96	10.3	Design Considerations for Low-Cost Digital Light Table	Tracy, R. W.*; Mannos, J. L.
1980	98	10.4	Applications of Bounded Precision Approximations to Computer	Williams, C. M.*
1980	100	10.5	An Interdisciplinary Laboratory for Graphics Research and	Greenberg, D. P.
1980	106	11.1	AC Thin-Film EL Device that Emits White Light	Yoshida, M.*; Tanaka, K.; Taniguchi, K.; Yamashita, T.; Kakahara, Y.; Inoguchi, Suntola, T.*; Antson, J.; Pakkala, A.;
1980	108	11.2	Atomic Layer Epitaxy for Producing EL Thin-Films	Vecht, A.*; Higton, M.; Mayo, J.;
1980	110	11.3	DCEL Dot Matrix Displays in a Range of Colors	Panicker, M. P. R.*; Bell, R. J.; Tiku, S.
1980	112	11.4	Light Emitting Film Panels	Chiang, A.*; Fairbairn, D. G.
1980	114	11.5	A High Speed Electrophoretic Matrix Display	te Velde, T. S.*
1980	116	11.6	A Family of Electroscopic Displays	Leuder, E.*
1980	118	11.7	Processing of Thin-Film Transistors with Photolithography and	Dautremont-Smith, W. C.*; Schiavone, L. M.; Beni, G.; Shay, J. L.
1980	122	12.1	Iridium Oxide Electrochromic Seven-Segment Digit Display	Barclay, D. L.*; Bird, C. L.; Kirkman, D. H.; Martin, D. H.; Moth, F. T.
1980	124	12.2	An Integrated Electrochromic Data Display	Miyoshi, T.*; Iawsa, K.
1980	126	12.3	Electrochromic Displays for Watches	Lee, L. L.*
1980	128	12.4	Fabrication of Magnetic Particles Displays	Goodrich, G. W.*; O'Connor, J. M.
1980	130	12.5	Dye-Foil Digital Display	Sstocker, F. R.*; Johnson Jr., G. G.;
1980	134	13.1	Optimization Techniques for Drawing Computer Graphics	Thong, T.*; Thiemann, P.; Fischer, T.;
1980	136	13.2	Hardware Three-Dimensional Graphics Generator	Francis Jr., J.; Patton, T.
1980	138	13.3	Modular Video Image Processing System	vanDaele, J.*; DeRoo, J.; Oosterlinck, A.; van den Berghe, H.
1980	140	13.4	Hardware Curve Generator for Graphics Displays	DeRoo, J.*; vanDaele, J.; Oosterlinck, A.; Van den Berghe, H.
1980	142	13.5	Software and Hardware Aspects of Video Mapper System	Pradhan, B. D.*; Gandhi, N. A.; Borkar, Miller, D.*; Ogle, J.; Cola, R.; Caras, B.;
1980	146	14.1	A Self-Scan Panel	Schiekel, M. F.*; Sussenbach, H.
1980	148	14.2	DC Pulsed Multicolor Plasma Display	Koike, J.*; Kojima, T.; Toyongaga, R.;
1980	150	14.3	Phosphors for Gas-Discharge Color Display Panels	Kagami, A.; Hase, T.; Inaho, S.
1980	154	15.1	Digital Data Storage on Optical Discs and Information Display	Kenville, R. F.*
1980	156	15.2	Interactive Video Ad Layout Systems	Nason, G. F.*; Raney, M. T.; King, J. L.
1980	158	15.3	Chinese Terminal System using Multi-Microprocessors	Yang, J. S. H.*; Lee, H. L.
1980	162	16.1	Color Picture Tube Design Trends	Morrell, A. M.*
1980	164	16.2	Color Computer Display Tubes	Takata, M.*; Hirari, R.
1980	166	16.3	Comparative Evaluation of High Resolution Color CRTs	Brun, J.*
1980	168	16.4	Performance of Penetration Color CRTs in Single-Anode and Dual-Anode Configurations	Spencer, G. R.*
1980	170	16.5	Filter Phosphors	Trond, S. S.*
1980	172	16.6	Glass Filters for Contrast Enhancement in CRT Displays	Izumitani, T.*; Nakagawa, K.;
1980	174	16.7	Relationship between Number of Defects, Defect Separation and the Probability of Rejection in Rectangular CRT Screens	Oess, F. G.*

1980	178	17.1	Color Coding on Shadow Mask Display Devices	Haeusing, M. J.*
1980	180	17.2	Evaluation and Prediction of Displayed Image Quality	Nakayama, T.*; Kurosu, M.; Honjyo, K.;
1980	182	17.3	Masking of Periodic Luminance Flaws by Pictorial Information	Carlson, C. R.*
1980	184	17.4	Soft Fonts	Negroponete, N.*
1980	186	17.5	Visual Display Standards Activity	Rupp, B. A.*
1980	190	18.1	Optical Performance of a Black-and-White Reflective Dichroic	Aftergut, S.*; Cole Jr., H. S.
1980	192	18.2	Bright Dichroic Guest-Host LCDs without a Polarizer	Uchida, T.*; Seki, H.; Shishido, C.;
1980	194	18.3	A Multimode Touch-Entry Dichroic Liquid Crystal Display	Waldron, W.*; Aftergut, S.; Cole Jr., H.
1980	196	18.4	Double-Layer-Electrode LCDs	Kamikawa, T.*
1980	198	18.5	A 2"x5" Varistor-Controlled Liquid Crystal Matrix Display	Castleberry, D. E.*; Levinson, L. M.
1980	200	18.6	The Application of Metal-Insulator-Metal Nonlinear Devices in Multiplexed Liquid Crystal Displays	Baraff, D. R.*; Boynton, R.; Gribbon, B.; Long, J. R.; MacLaurin, B. K.; Miner, C. J.; Serinken, N. M.; Streater, R. W.;
1980	204	19.1	Computer Output Printing Technologies	Swatick, D. S.*
1980	206	19.2	Hardcopy Techniques in Western Europe	Rothgordt, U.*
1980	208	19.3	Optimum Design of High-Speed Non-Impact Printers	Fujimoto, I.*
1980	210	19.4	Tactical Hard Copy Image Generation System	Hand, L. E.*; Davis, R. E.; Straayer, R.
1980	212	19.5	Synchronous Jet Ink Droplet Generator Mechanism	Hein, R. A.*; Lundquist, D. E.
1980	216	20.1	9000-Character Projectio CCRT Terminal	Todd Jr., L. T.*; Starkey IV, C. J.
1980	218	20.2	Projection Display of Radar Image using Gas Laser and	Yamada, H.*; Yoshimoto, T.; Hagino, Y.;
1980	220	20.3	Enhanced Sensitivity of Photoferroelectric Image Storage in Ion-Implanted PLZT Ceramics	Land, C. E.*; Peercy, P. S.
1980	222	20.4	A Fluoroscope with Realtime Stereoscopic Output	Rivers, D. B.*; Bungard, N. J.; Ellis, J.
1980	224	20.5	Holographic System for Storing Information Interferometrically with a High Degree of Security	Abramson, N.*; Bjelkhagen, H.; Skande, P.
1980	226	20.6	Display System using Reversible Heat-Sensitive Material	Nakaya, S.*; Saito, K.; Kotani, S.; Abiko, Hornbeck, L. J.*; Carlo, J. T.; Cowens, M. W.; Osterberg, P. M.; DeSmith, M. M.
1980	228	20.7	Deformable Mirror Projection Display	
1981	10	3.1	Videotex: Information Display for the Mass Market	Clark, R.*
1981	14	4.1	Teleconferencing for Business Meetings	DeBaldo, P. D.*
1981	17	4.2	Industrialization of Space	Bova, B.*
1981	20	5.1	Performance of Atomic Layer Epitaxy Devices	Sukntola, T.*
1981	22	5.2	Thin-Film Electroluminescent Emitter	Tannas Jr., L. E.*
1981	24	5.3	Monolithic Driver Chips for Matrix Gray-Shaded Thin-Film	Gielow, T.*; Holly, R.; Lanzinger, D.;
1981	26	5.4	A Drive Method for Electroluminescent Matrix Displays	Miller, M. R.*; Tuttle, R. P.
1981	28	5.5	Thin-Film Electroluminescent Display Units	Uede, H.*; Kanatani, Y.; Kishishita, H.; Fujimori, A.; Okano, K.
1981	30	5.6	A Multilayer Thin-Film Electroluminescent Display	Morton, D. C.*; Williams, F.
1981	32	5.7	EL Powder Technology for the Eighties	Vecht, A.*
1981	35	6.1	Hardcopy Technologies in Japan	Ishikawa, K.*
1981	38	6.2	A Low Profile Mechanism for Matrix Impact Teleprinters	Blodgett, F. M.*; Bigelow, J. E.;
1981	41	6.3	Thermal-Ink-Transfer Printing	Nakaya, S.*; Murasugi, K.; Kazama, M.;
1981	44	6.4	Experimental Determination of Transducer Constants for Drop-on-Demand Ink Jet Devices	Raschke, C. R.*
1981	47	7.1	Applications of Principles of Visual Perception In Displays for Complex Man-Machine Systems	Williams Jr., A. R.*; Goddard C. J.; Seiderstein, S.
1981	50	7.2	Eyeglass Heads-Up Display	Upton, H. W.*; Goodman, J. R.
1981	53	7.3	Suppression Characteristics of MACH Phenomenon in Staircase Patterns Emphasized with Edge Transitions	Kusaka, H.*
1981	55	7.4	Dynamic Digital Simulation and the Assessment of Operator and System Characteristics Affecting FLIR System	Goble, L.*; Wald, J.; Williams, L. G.;
1981	56	7.5	Graphic System Supports for Eye Movement Analysis	Pratt, P. D.
1981	59	y	The Design and Performance of a 6-Character 7x5 Dot Matrix Display for Cockpit Use	Kaster, J.*
1981	62	8.1	Low Voltage Electrographic Printing	Wharf, J. H.*; Bowkley, I. G.; Britchford, J. M.; Stagg, R. J.; Tench, M. D. R.;
1981	65	8.2	Optical Printer using LED Arrays	Reinis, G.*; Goffe, W.; Lysy, D. Tateishi, K.*; Ikeda, Y.; Kotani, S.;

1981	68	8.3	Techniques for Moderate-Resolution Electrostatic Hard Copy	Harrison, W. R.*
1981	71	8.4	Plasma Polymerized Films for Laser Recording	Asano, Y.*; Yamazaki, H.; Morinaka, A.;
1981	74	9.1	Electrochromic Display Watch Design	Kaneko, N.*; Tabata, J.; Miyoshi, T.
1981	76	9.2	Performance Improvements in WO ₃ -Based Electrochromic	Giglia, R. D.*; Haacke, G.
1981	78	9.3	Very-Large-Scale Dichroic Displays	Oh, C. S.*; Kramer, G.
1981	80	9.4	Physical Properties Multiplexability, Blending and Electrooptical Performance of Liquid Crystal Mixtures for TN-LCDs	Schadt, M.*; Gerber, P. R.
1981	82	9.5	Multiplexing Capability of Dual-Frequency Addressed Liquid	Clark, M. G.*; Harrison, K. J.
1981	84	9.6	Pocket-Sized Liquid Crystal TV Display	Kaneko, E.*; Hanmura, H.; Kawakami,
1981	86	9.7	A Liquid Crystal Display Panel using Polymer Films	Takahashi, S.*; Shimokawa, O.; Inoue, H.; Uehara, K.; Hirose, T.; Kikuyama, A. Trimmier, R.*; Knutsen, G.
1981	90	10.1	High Contrast Thin-Film Color Penetron	Kalmanash, M. H.*
1981	92	10.2	Miniature High-Contrast Color Display Indicator	Rawdin, E.*; Schwartz, J.; Smilowitz, S.
1981	94	10.3	Multigun CRT Tube Display	Spencer, G. R.*
1981	96	10.4	Color Registration in Dual-Anode Penetration Color CRTs	Woody, T. W.*
1981	98	10.5	A Color Write-Through Direct-View Storage Tube	Crossland, W. A.*; Ayliffe, P. J.
1981	104	11.1	An Evaluation of Smectic Dynamic Scattering for High Complexity Displays with On-Screen Memory	Hareng, M.*; LeBerre, S.; Hehlen, R.;
1981	106	11.2	Flat Matrix-Addressed Smectic Liquid Crystal Display	Lee, M. J.*; Wright, S. W.; Judge, C. P.
1981	108	11.3	Stable Thin-Film Transistors for Liquid-Crystal Matrix Displays	Yanagisawa, T.*; Sakai, K.; Adachi, T.;
1981	110	11.4	MOS Array with Platinum Display Electrodes for Reflective Dynamic Scattering LCDs	Kasahara, K.; Ide, K.; Hori, H.
1981	112	11.5	A Dyed Phase-Change Liquid -Crystal Display over a MOSFET	Crosssland, W. A.*; Ayliffe, P. J.
1981	114	11.6	Dichroic Guest-Host LC Active Matrix Video Display	Hosokawa, M.*; Oguchi, K.; Ikeda, M.;
1981	116	11.7	Plastic Substate LCD	Penz, P. A.*; Surtani, K.; Wen, W. Y.;
1981	120	12.1	CRT Magnetic Components - A Review of Progress	Johnson, M. R.; Kane, D. W.; Sanders, Marcy, H. O.*
1981	122	12.2	Multibeam CRT for High-Speed Information Recording	Quick Jr., R. G.*; Marshall, F. J.
1981	124	12.3	Calculating CRT Beam Currents	Cavalli, A.*
1981	126	12.4	Analysis of Deflection Defocusing in Large-Angle CRTs	Ritz Jr., E.*
1981	132	13.1	An Outdoor Large-Screen Color Display Screen	Kurahashi, K.*; Yagishita, K.;
1981	134	13.2	Large Area Flat Panel Display Structures	Fukushima, N.; Kobayashi, H.
1981	136	13.3	Vacuum Fluorescent Display for TV Video Images	Allaire, R. A.
1981	138	13.4	Small Flat CRT	Iwade, M.*; Kasano, K.; Masuda, M.;
1981	140	13.5	A Multi-Color GaP LED Flat Panel Display Device	Sinclair, C.*
1981	142	13.6	A Silicon Photoconductor-Based Liquid Crystal Light Valve	Niina, T.*; Kuroda, S.; Yamaguchi, T.;
1981	146	14.1	Digital Transmission of Graphics	Yonei, H.; Tomida, Y.; Yagi, K.
1981	148	14.2	Future Display Requirements for Image Processing Research	Efron, U.*; Grinberg, J.; Braatz, P. O.;
1981	150	14.3	Application of Pseudorandom Noise to DPCM	Netravali, A. N.*
1981	152	14.4	Predictive Encoding of Binary Dithered Images	Bernstein, R.*; Kolsky, H. G.
1981	154	14.5	An Array Approach to Fast Raster Graphics	Troxel, D. E.*
1981	156	14.6	Rotation of Instrumentation Images on a Raster-Scanned Display utilizing Polar Coordinate Transformation	Allebach, J. P.*; Ehrenberg, D. G.;
1981	160	15.1	Trends in AC Plasma Displays	Walsby, A. M.*
1981	162	15.2	Wall-Charge Shift Mechanism of High-Speed Self-Shift Plasma	Strolle, C. H.*; Reitmeier, G. A.; Smith, T. R.
1981	164	15.3	Characteristics of Surface-Discharge Color AC-Plasma Display	Andoh, S.*; Murase, K.
1981	166	15.4	Scanning in a DC Plasma Display Panel	Uchiike, H.*; Fukushima, Y.; Murase, K.;
1981	168	15.5	A Self-Scan Memory Plasma Display Panel	Shinoda, T.*; Miyashita, Y.; Sugimoto,
1981	172	16.1	Newspaper Technology: The Next Decade	Akutsu, H.*; Nakagawa, Y.
1981	174	16.2	Talking Heads-Display Techniques for Persona	Holz, G.*; Ogle, J.; Andreadakis, N.;
1981	176	16.3	Generating and Modifying Animated Drawings	Riley, T. M.*
1981	178	16.4	Matching the Processor to the Display	Negrofonte, N.*; Parker, W.
1981	180	16.5	Projection Display of Radar Image using Gas Laser with Scanning and Storage Methods	Cheng, K. Y.*
				Price, J. N.*
				Yamada, H.*; Yoshimoto, Y.; Hayashi, H.; Miyaji, K.; Hagino, Y.

1982	12	3.1	Electronic Cinema and Information Display	Coppola, F. F.*
1982	16	4.1	DC EL Panel Stabilization	Vecht, A.*; Chadha, S.; Hayes, R.; Ellis, Xu, S-h.*; Chou, L-x. ; Luo, X.
1982	18	4.2	Characteristics of DC Electroluminescent Panels under AC	Robin-Champigneul, Y.*; Poirier, A.
1982	22	5.1	The French Videophone Systems	Castellano, J. A.*
1982	24	5.2	Current US and World Markets for Electronic Displays	Greeson Jr., J. C.*
1982	28	6.1	Ergonomic Regulation: An Engineering View	Kalsbeek, J. W. H.*; Posma, E.; Umbach, F. W.; Bosman, D.
1982	30	6.2	Visual Fatigue and Display Viewing	Matsuura, M.*; Takafuji, Y.; Nonomura, K.; Funada, F.; Wads, T.
1982	34	7.1	A Liquid-Crystal Display Device with Thin-Film Transistors	Nishimura, T.*; Akasaka, Y.; Nakata, H.; Iswizu, A.; Matsumoto, T.
1982	36	7.2	Laser-Recrystallized Polysilicon TFTs for LCD	Juliana, A.*; Depp, S. W.; Huth, B. G.; Okubo, YI.*; Nakagiri, T.; Osada, Y.; Sugata, M.; Kitahara, N.; Hatanaka, K.
1982	38	7.3	Thin-Film Polysilicon Devices for Flat-Panel Display Circultry	Kawai, S.*; Takagi, N.; Kodama, T.; Asama, K.; Yanagisawa, S.
1982	40	7.4	Large-Scale LCDs Addressed by a-Si TFT Array	LeContellec, M.*; Morin, F.; Richard, J.; Coissard, P.; Morel, M; Bonnel, M.
1982	42	7.5	Amorphous Silicon Thin-Film Transistor for LCD Panel	Luo, F-C.*; Hoesly, D.
1982	44	7.6	Amorphous and Polycrystalline Silicon TFT for Addressing Display Devices	Ymasaki, T.*; Kawahara, Y.; Motte, S.; Kamamori, H.; Nakamura
1982	46	7.7	Hybrid-Processed TFT Matrix Circuits for Flat Display Panels	Hockings, E. F.*; Bloom, S.; Catanese, Verweel, J.*
1982	48	7.8	A Liquid Crystal TV Display Panel with Drivers	Chen, H. Y.*
1982	52	8.1	A Dipole-Quadrupole Focus Mask for Color Picture Tubes	Mays, J. A.*
1982	54	8.2	Magnetic Focusing for CTV Tube Masks	Chevalier, J.*; Galves, J. P.
1982	56	8.3	An In-Line Gun for High-Resolution Color Display Tubes	Denham, D. F.*
1982	58	8.4	A Calligraphic/Raster Shadow Mask Color Display	Nakamura, Y.*; Ichida, K.; Sugii, Y.; Nadan, J. S.*
1982	60	8.5	CRTs with Phosphor and Impregnated Cathodes for Avionics	Bell, A. E.*
1982	62	8.6	A Single-Pass Color Hard-Copy Technique	Laub, L.*
1982	64	8.7	Application of Aberration Theory to Color Picture Tube	Goldberg, M.*
1982	68	9.1	Optical Storage Technologies	Ford Jr., W. H.*
1982	70	9.2	Design and Optimization of the Optical Data Disc	Brandinger, J. J.*
1982	72	9.3	Optical Disc Optics	Strand, D.*
1982	74	9.4	Applications of Optical Disc Systems	Blazo, S. F.*
1982	76	9.5	Application of VideoDisc to Commercial Systems	Sheridon, N. K.*; Berkovitz, M. A.
1982	78	9.6	The CED Videodisc System - An Overview	Saitoh, M.*; Mori, T.; Ishikawa, R.; Ross, W. E.*; Cox, D. L.; Fernandez, J.
1982	80	9.7	Performance Parameters of Reversible Amorphous Materials used for Optical Data Storage	Masumi, T.*; Nomura, K.; Nishioka, K.; Deguchi, H.; Ono, H.
1982	92	10.1	High-Resolution Electrophoretic Display with Photoconductor	Bessonnat, Y.*; Gerard, G.; Leroy, G.; Thoman, R. E.*
1982	94	10.2	A Photoconductor-Addressed Electrophoretic Cell for Office	Hockenbrock, R.*; Rowe, W. Fendley Jr., J. R.*
1982	96	10.3	An Electrical Twisting Ball Display	Takatsuka, T.*; Haranou, T.; Takahusa, S.; Takehara, M.; Tamamura, R.
1982	98	10.4	Iron Garnet Crystal Film Magneto Optic Display	Henkes, J. L.*
1982	100	10.5	Response-Improved Electrochromic Display Based on Organic Materials	Freeman, K.*; Mujica, F.; Trew, T.
1982	102	10.6	Investigation of Lutetium Diphthalocyanine Display Lifetime	Miller, M. R.*; Schlam, E.; Tuttle, R. P.; Tannas Jr., L. E.*; Treadway, D. A.
1982	106	11.1	Contemporary Large Screen Displays	Antson, J.*
1982	108	11.2	Self-Converged, Three-CRT Projection TV System	Kozawaguchi, H.*; Ohwaki, J.; Coovert, R. E.*; King, C. N.; Tuenge, R.
1982	110	11.3	Resolution of Projection TV Lenses	
1982	112	11.4	Anisotropic Restoreflective Projection Screen	
1982	114	11.5	Rear Projection Screen for Projection TV	
1982	116	11.6	A 1249-Line High-Fidelity Color-TV Projector	
1982	120	12.1	Characterization of Electroluminescent Display Devices	
1982	122	12.2	ACTFEL Displays	
1982	124	12.3	Atomic Layer EL Devices: Present Status	
1982	126	12.4	Low-Voltage-Driven AC Thin-Film Electroluminescent Devices	
1982	128	12.5	Feasibility of a Dual-Color ACTFEL Display	

1982	130	12.6	A Low-Voltage Si-Compatible Electroluminescent Device	Robbins, D. J.*; Falcony, C.; DiMaria, D. J.; Dong, D. W.; DeGelormo, J. F.; Cammack, D.*; Walz, D.; Dalby, R.; Holmes, R. E.*
1982	132	12.7	High Peak Brightness ZnSe:Mn DCTFEL Device	Lewis, J. T.*; Stoll, E. D.
1982	138	13.1	Visual Systems in Military Training and Simulation	Abbey, C. G.*
1982	140	13.2	Quantification of Image Quality for CGI Displays	Fisher, R. W.*
1982	142	13.3	A Visual Simulator Image Generator using a Laser Scanned	Elmer, S. J.*
1982	144	13.4	A Variable Acuity Display for Simulator Applications	Mizuno, T.*; Satoh, T.; Matsuda, T.
1982	146	13.5	A Color Calligraphic CRT Projector for Flight Simulation	Heinzl, J.*; Wehl, W.
1982	150	14.1	Analysis of a Drop-On-Demand Ink Jet	Kobayashi, M.*; Takahashi, T.; Okazaki, Lee, F. C.*; Mills, R. N.; Talke, F. E.
1982	152	14.2	Drop-On-Demand and Acoustic Drop Shaping	Amano, Y.*; Yoshida, K.; Shionoya, T.
1982	154	14.3	High-Speed and High-Quality Color Ink Jet Printer	Soper, T. J.*; Ernsthausen, R. E. ; Willis, D. R.; Wedding, D. K.
1982	156	14.4	Drop-On-Demand Ink Jet Technology for Color Printing	deVries, G. H. F.*
1982	160	15.1	High-Resolution DC Plasma Display Panel	Suste, J. T.*; Marentic, M. J.
1982	162	15.2	High Resolution Meter-Size Display Technology	Schermerhorn, J. D.*
1982	164	15.3	Thick-Film Technology for High-Resolution DC Gas Discharge	Clark, M. G.*; Shanks, I. A.
1982	166	15.4	Brightness Control of an AC Plasma Panel	Kosaka, T.*; Tsubota, H.; Kobayashi, S.; Shimomura, T. Mizoguchi, R.
1982	168	y	Color and Contrast Modifications in AC Plasma Display/Memory	Sawada, K.*; Masuda, Y.
1982	172	16.1	A Field-Sequential Color CRT using a Liquid Crystal Color	Umeda, T.*; Miyashita, T.; Nakano, F.
1982	174	16.2	Development of Achromatic and Color LCDs and Their Colorimetric Psychological Evaluation and Optimization	Schaper, H.*
1982	176	16.3	Double-Layered Guest-Host Display with Wide Operating	Kmetz, A. R.*
1982	178	16.4	LCD Panel using Plastic Substrates	Lagos, A.*; Gharadjedaghi, F.
1982	180	16.5	Thin-Layer Electrochemiluminescence as Back Illumination for	Lueder, E.*; Kalifass, T.; Fransch, W.; Schaible, B.; Koger, K.
1982	182	16.6	Interconnection and Addressing for LCD with Reduced Lead	Pepper, R. L.*; Cole, R. E.; Spain, E. H.
1982	184	16.7	A Non-Multiplexed LCD COT Matrix	
1982	186	16.8	Photolithographically Processed TFT-Addressed LCDs	Murch, G. M.*
1982	190	17.1	the Influence of Camera Separation and Head Movement on Perceptual Performance under Direct and TV-Displayed	Christiansen, P.*
1982	192	17.2	Visual Accommodation and Convergence to Multichromatic	Merrifield, R. M. *; Silverstein, L. D.
1982	194	17.3	Design Considerations for Sunlight Viewable Displays	Pastor, J. R.*; Uphaus Jr.; J. A.
1982	196	17.4	Color Selection for Airborne CRT Displays	Murch, G. M.*
1982	198	17.5	Significant Reading Errors in 7x9 Dot Matrix ASCII Numbers	Shurtleff, D. A.*; Wuersch, W. F.;
1982	200	17.6	Visual Fatigue with Prolonged Display Use	Woodhead, A.*; Washington, D.; Knapp, A.; Mansell, J.; Overall, C.
1982	202	y	Applications of Large-Screen Display Legibility Criteria	Overall, C.*; Mansell, J.; Pook, R.; Stone, H.; Washington, D.; Woodhead, Lampont, D.*; Woodhead, A.; Knapp, A.
1982	206	18.1	The Channel Electron Multiplier CRT: Concept, Design and Performance	Uchiyama, M.*; Masuda, M.; Kiyozumi, Kiernam, R. P.*; Watanabe, T.;
1982	208	18.2	The Channel Multiplier CRT: Tube Technology	Ge, S.*
1982	210	18.3	The Channel Electron Multiplier CRT: Flat Deflection System	Morimoto, K.*
1982	212	18.4	High Resolution Vacuum Fluorescent Display with 256x256 Dot	Truax, E. R.*
1982	214	18.5	High Resolution X-Y Dot Matrix VFD	Lee, C. C.*
1982	216	18.6	Grid-Control Matrix Fluorescent Display Panel	
1982	218	18.7	A High-Resolution Graphic Display	Kuehnle, M. R.*
1982	222	19.1	High Capacity Hard Copy Information Display Using	Wang, H-c.*; Hall, S. A.
1982	224	19.2	Modeling of the Electrical Transfer of Conductive Toner in a Magnesty lus Recording Process	Tokunaga, Y.*; Hayashi, T.; Kawahata, Nakaya, S.*; Kotani, S.; Tsuji, K.;
1982	226	19.3	Information Recording and Display on Low-Voltage	Nakaya, S.*; Kotani, S.; Tsuji, K.; Araki, Lu, S.*; Davis, D. H.; Albert, R.; Chung, D.; Hochbaum, A.; Chung, C.
1982	228	19.4	Paper-Function Model for Wire-Matrix Printing	
1982	230	19.5	Heat Analysis for a High-Resolution Thermal Printing Head	
1982	232	19.6	High-Resolution Thermal Printing Technology	
1982	134	y	Gray-Scale Thermal Display	
1982	238	20.1	Thermally-Addressed Pleochroic Dye Switching LCDs	

1982	240	20.2	A 4 Mpel Liquid Crystal Projection Display Addressed by a GaAs Laser Array	Dewey, A. G.*; Anderson, S. F.; Cheroff, G.; Feng, J. S.; Handen, C.; Johnson, H. W.; Koepcke, R. W.; Leff, J.; Lynch,
1982	242	20.3	Fast LCDs with Low-Power Addressing and Permanent Memory	Berremman, D. W.*; Heffner, W. R.
1982	246	20.5	A 5x7" Varistor-Controlled LC Matrix Display	Castleberry, D. E.*; Becker, C. A.
1982	248	20.6	MIM Addressed LCDs: Status and Prospects	Streater, R. W.*; Este, G. O.; Maniv, S.; MacLaurin, B. K.; Miner, C. J.
1982	250	20.7	CCD-Addressed Liquid Crystal Light Valve	Little, M. J.*; Braatz, P. O.; Efron, U.; Grinberg, J.; Goodwin, N. W.
1982	252	20.8	A Flat Smectic Liquid Crystal Display	LeBerre, S.*; Hareng, M.; Hehlen, R.; Spencer, J.*
1982	256	21.1	The High-Voltage IC and Its Future	Blanchard, R. A.*
1982	258	21.2	High-Voltage ICs for Electroluminescent Panels	Smalter, M. J.*; Henrion, W. S.;
1982	260	21.3	Integrated AC Plasma Display Panels	Smith, G. C.*; Tiku, S. K.; Johnson, M.
1982	262	21.4	An EI Drive System with Low-Voltage Output Stages	Graves, S. P.*; Ketchpel, R. D.;
1982	264	21.5	Switch-Mode Drivers for Thin-Film Electroluminescent Matrix-Addressed Displays with Gray Scale Images	Kilcooyne, M. K. K.; Hale, L. G.
1982	266	21.6	MOS-EL Integrated Display Device	Oki, K-i.*; Ohkawa, Y.; Takahara, K.;
1982	268	21.7	Integrated High-Voltage Driver Circuits in Gate Array Form	Weir, B.*
1982	272	22.1	High Luminance, High-Resolution Special-Purpose CRTs	vanTol, M. W.*; vanEsdonk, J.
1982	274	22.2	Optical Measurements of Display Products	Jacobsen, K. D.*
1982	276	22.3	Holoform Oscillography with a Parallactiscope	Tilton, H. B.*
1982	278	22.4	A Model to Account for Rim Lighting in Direct View Storage CRTs: Nonuniform Recovery During the Erase Cycle	Ostermeier, B.*
1982	280	22.5	Experimental Display and Pickup Devices for High Definition TV	Yamazaki, E.*; Ueda, T.; Otsuka, S.
1982	282	22.6	Scan Expansion Lens for High-Speed Storage Oscilloscopes	Berger, A. S.*
1982	284	22.7	Shielding of Triple-Beam Color CRTs Against Ambient Magnetic	Crost, M. S.*
1982	288	23.1	Image-Shift Resolution Enhancement Techniques for CCD	Hoagland, K. A.*
1982	290	23.2	A Minidisplay for Combined Map and Graphic Data	Baron, P. C.*; Sprotbery, D.
1982	292	23.3	Requirements of Clinicians and Medical Imagers for Information and Display Processors	Airth-Kindree, W.*; Lawrence, D. P.;
1982	294	23.4	Computer Graphics Tool for Designing Interactive CRT Work	Baskin, A. B.
1982	296	23.5	Three-Color IR Image Process	Rose, J. A.*; McCleary, L. E.
1982	298	23.6	Bivariate Scattered Data Interpolation using a Bicubic Spline Approximation with Shepard's Method	Stapleton, J. J.*; Gallagher, L.;
1982	298	23.6	Bivariate Scattered Data Interpolation using a Bicubic Spline Approximation with Shepard's Method	Foley, T. A.*
1983	10	3.1	The Technological Explosion and the Emerging Business	Donohue III, B. P.*
1983	14	4.1	Failure Modes in ACTFEL Panels	Tannas Jr., L. E.*
1983	16	4.2	Degradation Mechanism in Thin-Film Electroluminescent Panels	Okamoto, K.*; Wakitani, M.; Sato, S.;
1983	18	4.3	Deep Traps and Mechanism of Device Aging in ACTFEL	Miura, S.; Andoh, S.; Umeda, S.
1983	22	5.1	Anti-Halo Coatings for CRT Faceplates	Yang, K-W.*; Owen, S. J. T.
1983	24	5.2	Multilayer Coatings for CRT Panels	Rancourt, J.*
1983	28	6.1	A LC/CRT Field-Sequential Color Display	Saulsbury, S.*; Jones, T. R.
1983	30	6.2	A Liquid-Crystal Optical Switching Device	Vatne, R.*; Johnson Jr., P. A.; Bos, P. J.
1983	32	6.3	A Liquid-Crystal Image Display	Bos, P. J.*; Johnson Jr., P. A.;
1983	36	7.1	A 64-Million PEL Liquid Crystal Projection Display	Suzuki, Y.*; Sekiya, M.; Arai, K.;
1983	38	7.2	Optical Design and System Considerations for Video Projection	Dewey, A. G.*; Anderson, S. F.; Cheroff, G.;
1983	40	7.3	Liquid Crystal Message Center Display	Feng, J. S.; Handen, C.; Johnson, H. W.;
1983	42	7.4	A Large Information Board using TFEL Devices	Leff, J.; Lynch R. T.; Marinelli, C.;
1983	44	7.5	An 8'x8' Display using a Laser Addressed White-on-Black Mode Liquid-Crystal Light Valve	Welham, B. H.*
1983	46	7.6	A Fiber-Optic Magnifying Display Panel	Burns, J. R.*; Taylor, G. W.
1983	50	8.1	Video Disc Technology - Present and Future	Duncker, J.*
1983	52	8.2	Ablative Optical Recording in Te-Alloy Films	Kubota, K.*; Sugama, S.; Naemura, S.;
1983	54	8.3	CS2-TE Thin Films for Optical Discs	Nishida, N.
1983	54	8.3	CS2-TE Thin Films for Optical Discs	Glenn, W. E.*
1983	54	8.3	CS2-TE Thin Films for Optical Discs	Hagemark, K. I.*
1983	54	8.3	CS2-TE Thin Films for Optical Discs	Vriens, L.*; Jacobs, B.; Broer, D.;
1983	54	8.3	CS2-TE Thin Films for Optical Discs	Funkaoshi, N.*; Asano, Y.; Yamazaki,

1983	56	8.4	Thermal Ink-Transfer Printer with Ink Layer Reformation	Nakaya, S.*; Tanoshima, K.; Nose, I.;
1983	58	8.5	Passive Thermal Display	Nakaya, S.*; Tanoshima, K.; Nose, I.;
1983	60	8.6	Thermal Ink-Transfer Color Copier	Iwamoto, A.*; Hosaka, Y.; Yana, M.; Sekizawa, H.; Hirahara, S.
1983	64	9.1	Resolution of Data Display Tubes	Barton, P. G. J.*
1983	66	9.2	Horizontal MTF Analysis for Color CRTs	Kojima, A.*
1983	68	9.3	The Effects of Asymmetric Optics on Spot Size and Deflection Defocussing in Picture Tube Electron Guns	Bechis, D. J.*; Chen, H. Y.
1983	70	9.4	Expanded Field Lens Design for Inline Color Picture Tubes	Alig, R. C.*; Hughes, R. H.
1983	72	9.5	A High Brightness Shadow-Mask Color CRT for Cockpit Displays	Robinder, R. C.*; Bates, D. J.; Green, P. J.; Lewen, G. D.; Rath, D. R.
1983	74	9.6	A Beam-Index Color Display System	Ando, K.*; Inoue, F.; Jitsukata, H.; Eto, Yamada, H. *; Ishida, M.; Ito, M.;
1983	86	10.1	Projection Display of Radar Image using a Gas Laser and an Organic Fluorescent Pigment Screen	Hagino, Y.; Miyaji, K-i.
1983	88	10.2	A TV-Based Multi-Screen Display System	Kaster, J. M.*; Haeusing, M.
1983	90	10.3	A Realtime Raster Graphic Display Utilizing Frame Buffers	Piller, E.*
1983	92	10.4	An Information Representation Protocol for Videotex Systems	Mansky, A. W.*
1983	94	10.5	Computer-Generated Pictures of Protein Structures	Lesk, A. M.*; Hardman, K. D.
1983	96	10.6	Multifunction Keyboard using Programmable LED Dot Matrix	Spiger, R. J.*
1983	100	11.1	Ink Jet Printing Using Drop Collision Deflection	Tsuzuki, T.*; Suga, M.; Naganuma, H.;
1983	102	11.2	High Resolution Full-Color Printer by a Microdot Ink-Jet Printing Method	Yamada, T.*; Matsuda, Y.; Doi, T.;
1983	104	11.3	High Resolution Color Ink Jet Printer	Yoshino, E.; Sagae, S.; Ono, Y. A. Maeda, J.*; Fukushima, K.; Akao, A.;
1983	106	11.4	The Influence of Ink/Media Interactions on Copy Quality in Ink	Jaeger, C. W.*; Le, H.; McManus, D.;
1983	110	11.6	The Effect of Pulse Shape on the Drop Volume and The Frequency Response of DOD Ink Jet Transducers	Gerhauser, H.*; Hirschmann, K. H.; Lee, F.; Talke, F. E.
1983	118	12.1	CRT Architecture with Meshless Scan Expansion	Janko, B.*; Franzen, N.; Sonneborn, J.
1983	120	12.2	A Quadrupole Scan-Expansion Acceleration Lens System for	Franzen, N.*
1983	122	12.3	Garnet Phosphor for Heads-Up Displays	Critchley, B. R.*; Lunt, J.
1983	124	12.4	A 230MHz Bandwidth High-Resolution Monitor	Infante, C.*; Denham, D.; McKibben, B.
1983	126	12.5	A 7GHz CRT for Realtime Digital Oscilloscopy	Loty, C.*
1983	130	13.1	A 2000-Character Self-Scan Memory Plasma Display	Holz, G.*; Miller, D.; Ogle, J.
1983	132	13.2	Two Equal Brightness On-States in AC Plasma Displays Driven by Conventional Sustain Waveforms	Weber, L. F.*; Steiner, C. N.; Marentic M. J.
1983	134	13.3	A Gas-Electron-Phosphor Flat-Panel Display	DeJule, M.*; Sobel, A.; Markin, J.
1983	136	13.4	The Flatscreen Display, Construction and Circuitry	Glaser, D.*; DeJule, M.; Whelchel, C. J.;
1983	138	13.5	Two-Color Thin-Film Electroluminescence with Spatially-	Stone, C. S.; Sobel, A.; Markin, J.
1983	140	13.6	SiA1ON - A Composite Dielectric for ACTFEL Displays	Kital, A. H.*; Wolga, C. J.
1983	144	14.1	A Self-Alignment Processed a-Si TFT Matrix Circuit for LCD Panels	Tiku, S. K.*; Smith, G. C.; Johnson, M.
1983	146	14.2	A High Resolution Transparent-Type a-Si TFT LCD	Asama, K.*; Kodama, T.; Kawai, S.;
1983	148	14.3	A Liquid Crystal Display Panel using a Te-TFT Array	Nasu, Y.; Yanagisawa S. Suzuki, K.*; Aoki. T.; Ikeda, M.; Okada, Matsuura, M.*; Takafuji, Y.; Nonomura, K.; Funada, F.; Wada, T.
1983	150	14.4	A 480x480 Element Dichroic Dye MOS-LCD	Kasahara, K.*; Sakai, K.; Komatsubara, Y.; Saito, A.; Ide, K.; Matsumoto, S.;
1983	152	14.5	Electrical Properties of CdSe TFTs Prepared by	Lee, M. C.*; Judge, C. P.; Wright, S. W.
1983	154	14.6	High-Voltage Polycrystalline Si TFT for Addressing EL Devices	Unagami, T.*; Tsujiyama, B.
1983	156	14.7	B/W and Color LC Video Display Addressed by Poly-Si TFTs	Morozuni, S.*; Oguchi, K.; Yazawa, S.;
1983	160	15.1	Effects of VDTs on Service Representatives	Kodaira, T.; Ohshima, H.; Mano, T. Starr, S. J.*
1983	162	15.2	Touch Entry Devices and Human Performance: Part I -	Starr, S. J.*
1983	164	15.3	Touch Entry Devices and Human Performance: Part II - Assessing Operator Performance	Beaton, R. J.*; Schulze, L. J. H.;
1983	166	15.4	CRT Symbol Subtense Requirements	Schulze, J. H.*; Beaton, R. J.; Snyder, H. L.
1983	168	15.5	Brightness and Color Contrast of Information Displays	Rogers, S. P.*; Gutman, J. C. Murch, G.*; Cranford, M.; McManus, P.

1983	170	15.6	Color Contrast Effects on Visual Performance	Lippert, T. M.*; Farley, W. W.; Post, D.
1983	172	15.7	Flicker Matching	Rogowitz, B. E.*
1983	176	16.1	Black Liquid Crystalline Guest-Host Systems for Indoor-Outdoor	Scheuble, B. S.*; Weber, G.; Pohl, L.;
1983	178	16.2	A 240x320-Element MOS-Addressed High Resolution LCD	Shields, S. E.*; Fletcher, B. G.; Belha,
1983	180	16.3	Integration of Drive ICs onto LCDs	Streit, P.*
1983	182	16.4	Design of Reliable Large Area TN-LCDs for Automotive	Matsukawa, F.*; Arai, H.; Yamane, H.;
1983	184	16.5	A Reflective CdSe TFT-LC Display Panel	Luo, F-C.*; Richardson, K. J.
1983	188	17.1	Simulator Evaluation of Color in Pictorial Flight Displays	Way, T. C.*; Edwards, R. E.; Reising, J.
1983	190	17.2	Visual Scene Manipulations for Simulation Training	Lintern, G.*
1983	192	17.3	Common Problems in the Evaluation of 3D Displays	Merritt, J. O.*
1983	194	17.4	New Technology Applied to Old Ideas in VTOL Displays	Roscoe, S. N.*
1983	196	17.5	The Command Flight Path Display	Filarsky, S. M.*; Hoover, G. W.
1984	14	3.1	Displays in the Home of the Future - The Search for Realism in	Lucky, R. W.*
1984	17	3.2	VDTs: Raise the Standards!	Lynch, G.*
1984	22	4.1	A 2,000 Character DCEL Display	Mayo, J. W.*; Hutchinson, P.; Hayes, R.;
1984	25	4.2	Stabilization of DCEL in ZnS:Mn Thin Films	Chadha, S.*; Vecht, A.
1984	29	4.3	High-Contrast Thin-Film/Powder Composite DCEL Devices	Higton, M. H.*
1984	34	4.4	Performance of ZnSxSe1-x dc and ac TFEL Devices	Cammack, D.*; Dalby, R.; Walz, D.;
1984	37	4.5	High-Resolution LED Matrix Displays	Kimber, P. K.*; Day, S. C. M.; White, G.
1984	40	5.1	Radiation Damage in Projection CRT Glass	Rengan, A.*; Remec, T.; Park, Y. S.
1984	44	5.2	A New Electrostatic Lens Designed for Projection CRTs	Kikuchi, M.*; Kobori, Y.; Saito, T.
1984	48	5.3	A Deflection Yoke for Generating Trapezoidal Raster in	Dasgupta, B. B.*; Grote, M. D.
1984	51	5.4	Large-Area Liquid-Crystal Displays for Public Information	Wiemer, W.*; Fahrenschoen, K.
1984	56	6.1	Perceptual Analysis of Color Monitors	Klopfenstein, R. W.*; Carlson, C. R.
1984	58	6.2	Simulation of Alphanumeric Characters on Color Monitors	Pica, A. P.*
1984	60	6.3	Matching Video and Hard-Copy Color	McManus, P.*; Mead, D.
1984	62	6.4	Color and Brightness Contrast Effects in CRT Displays	Spiker, A.*; Rogers, S. P.; Cicinelli, J.
1984	65	6.5	Automatic Chrominance Compensation for Cockpit Color	Kuo, K. H.*; Kalmanash, H.
1984	68	6.6	Color and Gray Scale in Sonar Displays	Kraiss, K.-F.*; Kuttelwesch, K.-H.
1984	84	7.1	Self-Scan Memory Plasma Display Operating Techniques	Holz, G. E.*
1984	87	7.2	An 8-in.-Diagonal Pulse Discharge Panel with Internal Memory	Murakami, H.*; Kaneko, R.; Toyonaga,
1984	91	7.3	An 8-in.-Diagonal High-Efficacy Townsend-Discharge Memory	Mikoshihba, S.*; Shinada, S.
1984	95	7.4	An ac Plasma Panel Operating with the IBM Personal Computer	Criscimagna, T. N.*; Hoffman, H. S.;
1984	99	7.5	An ac-Refresh Panel with High-Voltage CMOS Drivers and	Sakuma, H.*; Wakaumi, H.; Suzuki, T.;
1984	103	7.6	A High Voltage IC Driver for Large-Area ac Plasma Display	Delgrange, L.*; Vialettes, F.;
1984	108	8.1	A Self-Aligning CRT Projection System with Digital Correction	Lyon, P.*; Black, S.
1984	112	8.2	Fiber-Optic Helmet-Mounted Display for Full Visual Flight Simulation	Hanson, Capt. C. L.*; Longridge, T. M.;
1984	116	8.3	A Programmable Low-Cost Hybrid Display Processor for Man-in-	Barrette, R.; Welch, B.; Kruk, R.
1984	120	8.4	A CGI Simulation Display in a High-G Environment	Allen, R. W.*; Hogue, J. R.; Smith, J. C.
1984	124	8.5	A Time-Multiplexed Two-Times Vertical Frequency	Eyth Jr., J.*
1984	130	9.1	Multiplexed Dot-Matrix Displays with Guest-Host CNPT Mixtures in Homeotropic Orientation	Lipton, L.*; Meyer, L.
1984	133	9.2	Color-Free Plastic LCD with High Reliability	Clerc, J. F.*; Muller, F.; Perrin, A.; Vinet, F.
1984	137	9.3	PLZT Color Displays	Penz, P. A.*; Sampsell, J.; Collins,
1984	141	9.4	Characteristics of an X-Y Addressed Electrophoretic Image	Petcavich, R.; Sanders, L.; Stearns, W.
1984	142	9.5	A Defect-Tolerant Active-Matrix Electrophoretic Display	Haertling, G.*
1984	146	10.1	Phone Slave: A Graphical Telecommunications System	Murau, P.*
1984	150	10.2	The Development of a High-Resolution Digital Converter	Kornfeld, C.*
1984	153	10.3	Anti-Aliasing for Broadcast Compatible Television	Schmandt, C.*; Arons, B.
1984	157	10.4	APA Raster Display Memory	Seegmiller, D.*
1984	164	11.1	IBM's 581 ac Plasma Display Technology	Bender, W.*
1984	168	11.2	Thin-Film Dielectric ac Plasma Panels	Gupta, S.*; Matick, R.; Ling, D. T.; Dill,
				Pleshko, P.*
				Riederman, N. H.*; Monarchie, D. L.;
				Wisnieff, R. E.; Keyworth, A.

1984	172	11.3	Logically Addressable Surface Discharge ac Plasma Display Panels with a New Write Electrode	Shinoda, T.*; Niinuma, A.
1984	176	11.4	Characteristics of Crosstalk in Color Doughnut ac Plasma	Uchiike, H.*; Awaji, N.; Fukushima, Y.;
1984	180	11.5	Domains in ac Plasma AND Gates	Weber, L. F.*; Steiner, C. N.
1984	186	12.1	A Hand-Held Man-Machine Interface Using an	Darlington, E. S.*
1984	189	12.2	DCEL Displays with Integrated Fixed-Legend and Dot-Matrix	Alexander, P. W.*; Levien, D. A.; Hayes,
1984	192	12.3	Simultaneous Display of Eight Signal Traces on a Thin-Film EL	Bosman, D.*; vanMourik, J. G. R.
1984	196	12.4	An 80-Character by 25-Line Liquid-Crystal Display System	Harter, W.*; Lu, S.; Ho, S.; Basler, B.;
				Newman, W.; Otaguro, C.
1984	200	12.5	Reconfigurable Automobile Instrument Cluster	Talaki, K. A.*; Schlax, T. R.
1984	206	13.1	Hybrid Alignment in Phase-Change Guest-Host LCDs	Filas, R. W.*
1984	209	13.2	Black Dye Mixtures for Commercial LCD Systems	Claussen, U.; Brockes, A.; Kops, E. F.;
				Krock, F. W.; Neeff, R.F.
1984	211	13.3	Low-Birefringence Nematic Hosts and Their Performance in Reflective Guest-Host Cells	Clerc, J. F.*; Muller, F.; Perrin, A.; Vinet, F.
1984	215	13.4	Multicolor Graphic LCD with Tricolor Layers Formed by Electrodeposition	Kamamori, H.*; Suginoya, M.; Terada, Y.;
				Iwasa, K.; Normua, T.; Yasukawa, J.;
1984	219	13.5	Homeotropic Alignment of Nematic LCs by Oblique Evaporation	Chen, S. S.*
1984	224	14.1	Voice Control of Displays	Lambert, D. R.*
1984	227	14.2	Use of Voice Inegrated with Aircraft Cockpit Displays	Moore, C. A.*; Ruth, J. C.
1984	231	14.3	Human Factors Comparison of Touch Screen and Voice Command Data Entry on a C3 System	Crane, P. M.*
1984	235	14.4	Intelligibility of Phoneme Synthesized Speech in High-Noise	Dentino, A. V.*; Reed, L. W.
1984	238	15.1	A 256x512 Graphic EL Display Module	Linden, I.*; Jarvinen, E.; Sallmen, K. H.;
1984	242	15.2	Multiplex Drive of a Thin-Film EL Panel	Gielow, T.*; Holly, R.; Lanzinger, D.; Ng,
1984	245	15.3	Large-Area ac Thin-Film EL Displays	Abdalla, M. I.*; Plumb, J. L.; Hope, L. L.
1984	249	15.4	Strontium Sulphide: The Host for a New High-Efficiency Thin-	Barrow, W. A.*; Coovert, R. E.; King, C.
1984	251	15.5	New Method to Evaluate Defect Density in ac Thin-Film EL	Wakitani, M.*; Okamoto, K.; Sato, S.;
1984	255	15.6	Hysteretic Thin-Film EL Devices Utiliziing Optical Coupling of EL Output to a Series Photoconductor	Kitai, A. H.*; Wolga, G. J.
1984	258	16.1	A 19-in. Very-High-Resolution Display CRT	Odenthal, C.*
1984	262	16.2	Simulation of Cathode-Region Electron Beams	Loty, C.*
1984	264	16.3	An Experimental "In-Neck" Integrated Yoke	Chang, K. K. N.*
1984	268	16.4	A Clamshell Deflection Yoke	Strong, D. K.
1984	272	16.5	A Flat Color TV Display with Horizontal Addressing and Vertical	Miyazaki, E.*; Sakamoto, Y.
1984	275	16.6	Surface Light-Emitting Fluorescent Indicator Panels (FIP TM)	Horigome, T.*; Miyazaki, T.
1984	280	17.1	Doing the Same Work with Paper and CRT Displays	Gould, J. D.*; Grischkowsky, N.
1984	284	17.2	VDT Use and Productivity	Silver, L. D.*; Jackson, P. M.
1984	287	17.3	Legibility Study of a Tactical Graphics Language for High-Resolution Monochrome Display	Osga, G. A.*
1984	291	17.4	Psychophysical Problems and Solutions in Variable Acuity	Fisher, R. W.*
1984	294	17.5	Imaging System Design Based on Psychophysical Data	Glenn, W. E.*; Glenn, K. G.; Bastian, C.
1984	298	17.6	The Display Quality of Glare Filters for CRT Terminals	Beaton, R. J.*; Snyder, H. L.
1984	304	18.1	LCTV Addressed by MIM Devices	Niwa, K.*; Maezawa, S.; Suzuki, M.;
				Takeuchi, T.; Kamikawa, T.
1984	308	18.2	A 7.23-in.-Diagonal Color LCD Addressed by a-Si TFTs	Ugai, Y.*; Murakami, Y.; Tamamura, J.;
1984	312	18.3	A 240x360 Element Active Matrix LCD with Integrated Gate-Bus Drivers Using Poly-Si TFTs	Oana, Y.*
1984	316	18.4	A 25-in. and 1.51-in. B/W and Full-Color LC Video Displays Addressed by Poly-Si TFTs	Morozumi, S.*; Oguchi, K.; Misawa, T.;
				Araki, R.; Ohshima, H.
1984	320	18.5	High-Voltage TFTs for Addressing of Light Valves and EL	Mrersch, G.*; Lueder, E.; Kalfass, T.;
1984	324	18.6	A LCTV Display Controlled by a-Si Diode Rings	Togashi, S.*; Sekiguchi, K.; Tanabe, H.;
				Yamamoto, E.; Sorimachi, K.; Tajima,
1984	328	19.1	High-Resolution Color CRTs Using a Tilt-Array Shadow Mask	Banno, T.*; Hayashi, S.; Yamaguchi, Y.
1984	332	19.2	A 15-in. Full-Square CRT	Hamano, E.*; Koba, H.; Mori, H.;
1984	336	19.3	Saturation and Heating of Miniature CRT Single-Crystal	Levy, U.*; Yaffe, H. H.

1984	340	19.4	High-Brightness High-Resolution Miniature CRTs	Gritz, E. E.*
1984	342	19.5	Frit-Sealed Metal-Glass CRTs with Near-Flat Faceplates	Seats, P.
1984	345	19.6	Miniature Laser CRTs with GaAs/GaAlAs Double-	Levy, U.*; Logan, R. A.; Niv, Y.
1984	350	20.1	Technology Trends in Electrophotographic Printing	Grant, B.*
1984	353	20.2	A New Method for Ink-Jet Character Printing	Rydgren, G.*; Hertz, C. H.
1984	356	20.3	Air-Flow Effects on Drop Formation for Air-Assisted Drop-on-	Adams, R. L.*; Roy, J.
1984	360	20.4	Characteristics of a High-Viscosity Oil-Based Ink-Jet Head	Bupara, S. S.*; McCormick, J. A.
1984	364	20.5	Droplet Emission with Micro-Planar Ink Drop Generators	Doering, M.*; Bentin, H.; Radtke, W.
1984	368	20.6	A New Attack on Electrolytic Printing	Pawietko, J. P.*; Opp, D. A.; Spelcher, C. G.; Gendler, P. L.; Fey, E.
1984	372	20.7	Laser Thermal Multilevel Recording - Structure Optimization	Oikawa, S.*; Morinaka, A.
1984	376	20.8	Optimum Color Reproduction for Thermal Ink-Transfer Printing	Asada, O.*; Itoh, S.; Sekiguchi, T.; Tsuji,
1985	14	3.1	High-Definition TV	Lechner, B. J.*
1985	15	3.2	Visual Simulation: The Unsolved Problem	Peters, D. L.*
1985	18	3.3	Ultra-Large-Screen Color Display	Ohkoshi, A.*
1985	24	4.1	A Color-Based Text Editor	Salto, M.*; Bender, W.
1985	28	4.2	An Electrostatic Transparent Tablet	Komada, S.*; Mori, M.; Watanabe, T.
1985	32	4.3	Pen-Touch-Type Electro-Magnetic Transparent Touch Panel	Nagayama, T.*; Shibuya, J.; Kawakita,
1985	36	4.4	Voice vs. Multifunction Control: A Comparison of Three Control	Curry, Lt., D. G.*; Reising, J.; Lizza, Lt.,
1985	40	4.5	Desktop Color Document Scanner	Nagano, F.*; Misaka, S.; Mori, H.
1985	42	4.6	A New High-Performance Transparent Digitizer for Computer Graphics and Display Applications	Schlosser, P.*; Kable, R.
1985	46	5.1	High-Brightness One-Dimensional Array of Electron-Beam-	Shmulovich, J.*; Berkstresser, G. W.
1985	49	5.2	An Isotropic Projection Screen with High Gain and Uniform	Takakusa, S.*; Takatsuka, T.;
1985	51	5.3	Factors Inducing Deterioration of Phosphors by Electron	Yamamoto, H.*; Matsukiyo, H.; Suzuki,
1985	54	5.4	Projection CRTs for Advanced Display Systems	Chevalier, J.*; Deon, J. M.
1985	58	5.5	A Continuous Very-Large-Area Liquid-Crystal Color Display	Matsukawa, H.*; Wakahata, Y.; Ito, M.;
1985	62	5.6	New Generation of Multichrome Billboards and News Panels	Brunet, M.*; Guennou, S.
1985	68	6.1	Polymer Encapsulated Nematic Liquid Crystals for Display and Light Control Applications	Ferguson, J. L.*
1985	71	6.2	TN-LCD Using Polarizers as the Main Body	Anodoh, T.*; Oh-ishi, H.; Kobayashi, S.;
1985	74	6.3	Contrast Improvement by the Use of Polarizers for Liquid-	Mameuda, E.; Ishihara, N.; Sasaki, Y.
1985	78	6.4	Double-Layered Guest-Host Display for Automotive Use	Nagatsuka, T.*; Shimomura, T.; Oishi,
1985	81	6.5	A Full-Color Field-Sequential LCD Using Modulated Backlight	Sawada, K.*; Kudoh, S.; Kadoo, F.;
1985	84	6.6	Twisted-Nematic Liquid-Crystal Full-Color Display Panel with Reduced Rotatory Dispersion	Endoh, Y.; Nakagawa, Y.; Masuda, Y.
1985	86	6.7	Full-Color LC Video Displays Using a Simple Multiplexing Method	Hasebe, H.*; Kobayashi, S.
1985	101	7.1	Resolution and Addressability: How Much is Enough?	Nagata, S.*; Ogawa, T.; Adachi, K.;
1985	104	7.2	Apparent Sharpness of Televised Moving Objects	Hotta, S.; Yoshiyama, M.
1985	108	7.3	A Psychophysiological Technique for Evaluation of Television	Watanabe, H.*; Hashimoto, S.; Yoshida,
1985	111	7.4	Effects of Shadow Mask Color vs. Monochrome CRTs on	M.; Shimizu, H.; Tsuzuki, A.; Morokawa,
1985	115	7.5	The Effects of Task Parameters on Response Times to Pictures and Words Presented on Visual Displays	Murch, G.*; Virgin, L.
1985	120	8.1	24x80 Character LCD Panel Using the Supertwisted Birefringence Effect	Glenn, W. E.*; Glenn, K. G.; Bastian, C.
1985	124	8.2	An Electrically Addressed Smectic Storage Device	Roth, E. M.*; Bernard, T. E.
1985	128	8.3	A Multiplexed Ferroelectric LCD Using ac Field-Stabilized	Volkov Jr., G.*
1985	131	8.4	An Application of Chiral Smectic-C Crystal to a Multiplexed	Rogers, W.*
1985	135	8.5	Nematic-Cholesteric LCD Using Hysteresis Behavior	Scheffer, T. J.*; Nehring, J.; Kaufmann,
1985	140	9.1	High-Resolution Thermal Ink Transfer Color Printer	M.; Amstutz, H.; Heimgartner, D.; Eglin,
1985	143	9.2	A Color Thermal Transfer Printer with Recosting Mechanism	Crossland, W. A.*; Canter, S.
				Geary, J. M.*
				Harada, T.*; Taguchi, M.; Iwasa, K.; Kai,
				Mochizuki, A.*; Gondo, H.; Watanuki, T.;
				Saito, K.; Ikegami, K.; Okuyama, H.
				Yoshida, S.*; Itch, M.; Umebara. N.;
				Nose, I.*; Takeda, T.; Kuroe, S.; Masaki,

1985	146	9.3	Resistive Ribbon Thermal Transfer Printing (RRP)	Crooks, W.*; Sheet, R.; Shatluck, D. M.; Tsay, J.; Welche, W. W.; Pennington, K.
1985	148	9.4	Print Fidelity of Resistive Ribbon Thermal Transfer Printing	Leff, R. A.*; John, R. A.
1985	152	9.5	Thermal Characteristics of Resistive Ribbon Printing	Sahni, O.*; Chieu, T. C.; Dove, D. B.; Laff, R. A.; Lane, R.; Tan, S. L.
1985	156	9.6	Influence of Ribbon and Paper on Temporal Response in	Davids, D. A.*; Bertoni, H. L.
1985	160	9.7	A Basic Study of Thermal Transfer Printing for Improvement of	Ando, S.*; Ogata, H.
1985	166	10.1	Progress of the Flat Channel Multiplier CRT	Washington, D.*; Mansell, J. R.; Lampert, D. L.; Knapp, A. G.
1985	170	10.2	Combination Boundary Integral and Finite Difference Method for Calculation of Yoke Magnetic Field	Campbell, F. J.*; Winarsky, N. D.; Hall, E. T.
1985	174	10.3	A Relation Between H0(2) and H2(z) Deflection Yokes and Its Influence on Convergence Errors	Gerber, J.*
1985	178	10.4	Application of the Fifth-Order Aberration Theory to Deflection-	Dasgupta, B. B.*
1985	181	10	High-Resolution Electron Gun Designed for a New Generation of Color Data Display Tubes	Chen, H-Y.*
1985	185	10	A Color Flat-Panel Display Using Matrix Drive and Deflection System	Watanabe, M.*; Nonomura, K.; Ueda, M.; Kanehisa, T.; Moriyama, Y.; Nishida, Watanabe, Y.*; Nakayama, Y.; Saito, T.
1985	187	10.7	Improved Uniform Focus Character Display with CFD	Walraven, J.*
1985	192	11.1	Perceptual Problems in Display Imagery	Post, D. L.*
1985	196	11.2	Effects of Color on CRT Symbol Legibility	Donohoo, D. T.*; Snyder, H. L.
1985	200	11.3	Accommodation During Color Contrast	McManus, P.*; Hoffman, G.
1985	204	11.4	A Method for Matching Hardcopy Color to Display Color	Huang, X.*
1985	207	11	Visual Efficacy Improvement of Multicolor Displays with	Flegal, R. T.*; Coovert, R. E.; King, C.
1985	213	12.1	A Large-Area Electroluminescent Display	Abe, A.*; Matsuoka, T.; Tohda, T.; Fujita, Y.; Nishikawa, M.; Kuwata, J.
1985	215	12.2	AC Thin-Film EL Display with PrMnO3 Black Dielectric Material	Tanaka, S.*; Shanker, V.; Shiki, M.; Deguchi, H.; Kobayashi, H.
1985	218	12.3	Multi-Color Electroluminescence in Alkaline-Earth-Sulfide Thin-Film Devices	Kirton, J.*; Blackmore, G. W.; Blackmore, J. M.; Cattell, A. F.; Chew, N. G.; Cullis, A. G.; Dexter, K. F.; Lloyd, Higgins, M. L.*
1985	222	12.4	Stability in Copper-Free dc Thin-Film Electroluminescent Devices	Bolger, S.*; Sevilla, L.; Williams, R.
1985	226	12.5	A Low-Power Drive Scheme for AC TFEL Displays	Kamiya, M.*; Sumiya, M.; Yamashita, M.
1985	229	12.6	A Second-Generation Chip Set for Driving EI Panels	Lee, M. H.*
1985	234	13.1	Laser Beam Printer	Kaneko, S.*; Tsunoi, H.; Oguchi, Y.; Tsukada, M.; Kishi, H.; Tamura, Y.;
1985	238	13.2	Toner Adhesion in Electrophotographic Printers	Koehler, R. F.*; Bolte, S. B.; Gruber, R.
1985	242	13.3	Electrophotographic Display	Pond, S. F.*
1985	246	13.4	Magnetic Ink Character Recognition (MICR) - A Challenge to	Feigenblatt, R. I.*; Chang, I. F.
1985	250	13.5	Thermal Magnetographic Printing	Kubota, K.*; Naemura, S.*;
1985	256	14.1	A Portable Projection CRT Terminal	Komatsubara, S.; Imai, M.; Kato, Y.;
1985	260	14.2	A Compact High-Resolution Image Projector and Printer Using a Laser-Addressed Liquid-Crystal Light Valve	Wu, S. T.*; Efron, U.; Grinberg, J.;
1985	262	14.3	Visible-to-Infrared Dynamic Image Converter (VIDIC): Present	Farrayre, A.*; Gossett, P.; Huriet, J. R.;
1985	266	14.4	Geometrical Resolution Improvement of Sodem Visualization System (SVS)	Tissot, M.; Polaert, R.
1985	270	14.5	A Single-Lens Three-CRT Crossed Dichroic Color Projector for	Schmidt, T. C.*
1985	274	14.6	A 54-in. (5:3) High-Contrast and Brightness Rear-Projection Display for High-Definition TV	Ando, K.*; Osawa, M.; Ohki, M.; Ogino, M.; Yamazaki, E.
1985	278	15.1	Full-Color TFT-LCD with Phase-Change Guest-Host Mode	Morozumi, S.*; Oguchi, K.; Araki, R.; Sonehara, T.; Aruga, S.
1985	282	15.2	An Active-Matrix LC Display Addressed by Re-Crystallized Poly-Si TFTs	Ishizu, A.*; Suzuki, Z.; Matsumoto, T.;
1985	286	15.3	A 640x400 CdSe TFT-LC Display Panel	Miki, H.; Onishi, Y.; Nishimura, T.;
1985	289	15.4	Thermally Addressed Liquid-Crystal Flat Display with Laser	Luo, F. C.*; Patterson, J.; Braunstein, Nagae, Y.*; Kawakami, H.; Kaneko, E.
1985	293	15.5	A 128x128 Dynamic Hysteresis Thermochromic Display	Araki, T.*; Ishibashi, N.; Suzuki, K.;

1985	295	15.6	High-Performance a-Si TFT Array for Liquid-Crystal Display Device	Ishii, Y.*; Takafuji, Y.; Yano, K.; Take, H.; Funada, F.; Matsuura, M. Wada, T.
1985	298	16.1	The Measurement of Resolution of Shadow-Mask CRTs	Veron, H.*
1985	302	16.2	Character Display Capability of CRT Monitors	Barten, P. G. J.*
1985	306	16.3	Visual Perception and Correction of Character Formation Non-Uniformities in Dot-Matrix Printers	Toi, V. V.*
1985	308	16.4	A High-Speed Algorithm for Generating Anti-Aliased Lines	Ketcham, R. L.*
1985	314	17.1	Pressure Generation in Drop-On-Demand Ink Jets	Roy, J.*; Adams, R. L.; Anderson, J.
1985	317	17.2	The Effect of Head Dimensions on Drop Formation in Drop-On-	Takada, N.*; Mizuno, T.; Kiyota, K.;
1985	321	17.3	Spot-Size Modulation in Drop-On-Demand Ink-Jet Technology	Hofer, E. P.*
1985	323	17.4	Overview of DOD Inks	Gendler, P. L.*
1985	326	17.5	Color Jet Ink: Printability on Paper and Transparency Film	Tabayashi, I.*; Okubo, H.; Harada, H.;
1985	329	17.6	Full-Color Ink-Jet Printer Using Multilevel Ink	Takahashi, M.*; Ushioda, T.; Uematsu, R.; Tagawa, N.; Fukuchi, H.
1985	334	18.1	New Precision Color CRT Monitor for Military Applications	Berkoff, S.*; DeLorenzo, A. N.
1985	338	18.2	A Flicker-Free 2448x2048 Dots Color CRT Display	Ando, K.*; Osawa, M.; Shimizu, T.;
1985	341	18.3	Military Real-Time Color Digital Map	Maruyama, T.; Fukushima, M.
1985	345	18.4	A Field-Sequential Discrete-Depth-Plane Three-Dimensional	Dawson, J. F.*; Thompson, E. J.; Getz,
1985	351	y	AC Refresh Plasma Display	Buzak, T. S.*
1985	354	19.2	A 960x768 Pel ac Plasma Panel Operating in Video Mode from an IBM Personal Computer	Oida, O.*; Hada, H.; Nishida, K.;
1985	358	19.3	Optimization of Electrode Structure in Surface-Discharge ac-Plasma Display Panels	Criscimagna, T. N.*; Hoffman, H. S.;
1985	362	19.4	MOS-Addressed VFD Character Display Incorporating Static	Knecht, W. R.
1985	366	19	Color Graphic Front Luminous VFD	Uchiike, H.*; Awaji, N.; Nakayama, T.;
1985	373	20.1	Print Head with Ferroelectric Liquid-Crystal Light-Shutter Array	Hamada, K.; Fukushima, Y.
1985	377	20.2	Applications of Thin Films in Magnetographics	Uemura, S.*; Iwade, M.; Kiyozumi, K.;
1985	381	20.3	Some Important Factors that Limit the Speed of Impact Print	Pykosz, T. L.*; Morimoto, K.; Imaizumi,
1985	385	20.4	Computing Color Gamuts of Ink-Jet Printing Systems	Umeda, T.*; Hori, Y.; Mukoh, A.
1985	389	20	The Intelligent Copier/Printer Market Overview	Springer, G. D.*
1986	14	3.1	Displays and the Computer Revolution - Is the Tail Finally	Hendrike, F.*
1986	17	3.2	VDT Regulations: The Debate Continues	Engeldrum, P. G.*
1986	20	3.3	The Next-Generation Air Traffic Control Display	Pytka, S. M.*
1986	25	4.1	Multicolor TFEL Display and Exerciser	Hahne, L. F.*
1986	29	4.2	Red and Blue Electroluminescence in Alkaline-Earth Sulfide Thin-Film Devices	LeGates, C.*
1986	33	4.3	A New TFEL Phosphor Based on the Alkaline-Earth Selenide	Hunt, V. R.*
1986	37	4.4	Bright-Blue Electroluminescence and Hysteresis Behavior in	Barrow, W. A.*; Tunge, R. T.;
1986	41	4.5	Stability Improvement of Red-Emitting CaS:EuS Thin-Film Electroluminescence	Tanaka, S.*; Deguchi, H.; Mikami, Y.;
1986	44	4.6	The Energy Transfer Between Ce and Tb Ions in LaOBR:Ce,Tb	Shiiki, M.; Kobayashi, H.
1986	50	5.1	Electron Optical Array Corrections in the MBCRT	Kageyama, Y.*; Kameyama, K.; Oseto,
1986	53	5.2	A Gatling-Gun Multibeam CRT	Tsujiyama, B.*; Tamura, Y.; Ohwaki, J.;
1986	56	5.3	A Non-Destructive Method of Estimating the Harmonic Content	Yoshida, M.*; Mikami, A.; Ogura, T.;
1986	60	5.4	Fifth-Order Trilemma in Deflection-Yoke Design	Tanaka, K.; Taniguchi, K.; Nakajima, S.
1986	64	5.5	A Family of High-Resolution High-Brightness CRTs	Zhao, F-T.*; Li-Yun, C.: Xu-Rong, X.
1986	70	6.1	Color-Name Boundaries for Equally Bright Stimuli on a CRT:	Beck, V. D.*
1986	74	6.2	Choosing Colors and Luminances for a CRT Map Display	Odenthal, C. J.*; Quick, R. G.
1986	78	6.3	The Effect of Background Luminance on Color Recognition and	Dasgupta, B. B.*; Kurtock, J. R.; Doriott,
1986	82	6.4	An Evaluation of Color Sets for CRT Displays	Sluyterman, A. A. S.*
1986	86	6.5	Color-Difference Prediction of Legibility Performance for CRT	Strong, D. K.*
				Post, D. L.*; Greene, F. A.
				Spiker, A.*; Rogers, S. P.; Cicinelli, J.
				Jacobsen, A. R.*
				Neri, D. F.*; Jacobsen, A. R.; Luria, S.
				Lippert, T. M.*

1986	90	6.6	Effective Color Image Encoding	Sigel, C.*
1986	96	7.1	High-Quality Ink-Jet Printing of Color Images	Hertz, C. H.*
1986	98	7.2	Dynamic Behavior of the Nozzle/Meniscus Fluid System in a Drop-On-Demand Ink-Jet Orifice	Lee, F. C.*
1986	101	7.3	Bubble Growth and Nucleation Properties in Thermal Ink-Jet	Meyer, J. D.*
1986	105	7.4	Materials and Processing Studies for Thermal Ink-Jet Devices	Olive, G.*; Eldridge, J. M.; Moore, J. O.
1986	108	7.5	Feasibility of a Laser-Driven Thermal Ink Jet	West, D.*; Beenen, G.; Boso, B.;
1986	122	8.1	640x400 Pixel LCD Using Highly Twisted Birefringence Effect with Low Pretilt Angle	Kinugawa, K.*; Kando, Y.; Kanasaki, M.; Kawakami, H.; Kaneko, E.
1986	126	8.2	Polymer Encapsulated Nematic Liquid Crystals for use in High Resolution and Color Displays	Ferguson, J. L.*; Dallisa, A.; Lu, S.; Drzaic, P.
1986	128	8.3	An LCD for Multitrace Oscilloscopes	Ruckmangathan, T. N.*
1986	132	8.4	Large-Area Dot Format Electrochromic Display	Ando, E.*; Matsuhira, K.; Masuda, Y.
1986	136	8.5	2000-Character Electrophoretic Display	Seilin, B.*; Zawmwe, D.; Kulkarni, R.
1986	142	9.1	Legibility Evaluation of a Large-Screen Display System Under Medium Ambient Illumination	McNeese, M. D.*; Katz, L.
1986	146	9.2	A Font Style for Large-Area Discrete-Element Displays	Williams, R. D.*; Huchingson, R. D.
1986	150	9.3	Revisiting the Display Flicker Problem: Refresh Rate Requirements for Field-Sequential Stereoscopic Display	Beaton, R. J.*; DeHoff, R. J.; Knox, S. T.
1986	153	9.4	The Effects of Transient Adaptation in Simulated VDT	Lassiter, D. L.*; Rinaiducci, E. J.
1986	157	9.5	LCD Legibility	Kubota, H.*; Marushige, T.;
1986	161	9.6	Visual Performance Evaluation of Liquid-Crystal Shutter and	Baggen, E. A.*; Hunter, M. W.; Snyder,
1986	167	10.1	A Large-Area Electroluminescent Display with Matrix Addressing for Full Video	Miller, M. R.*; Schlam, E.; Morton, D. C.; Jung, C.; Holly, R.; Gielow, T.; Tsang,
1986	171	10.2	Thin-Film EI Display Panel with Low- and High-Resistivity Insulator	Sekido, Y.*; Koizumi, M.; Mita, JK.; Hayashi, T.; Kazama, M.; Nihei, K. Hasegawa, H.*; Nakagawa, S.
1986	175	10.3	DC Electroluminescence in ZnS (Cu,Mn) Prepared by a Successive Vacuum Deposition Method	
1986	177	10.4	Differential Aging Effects in ACTFEL Displays	Flegal, R. T.*; King, C. N.
1986	181	10.5	A Modified BDFET Process Technology for Symmetric Electroluminescent Display Drivers	Sutton, S.*; Mosher, D.; Sheer, R.
1986	184	10.6	64-Channel HV PMOS and NMOS Pair ICs for Quasi-CMOS EL	Sakuma, H.*; Wakaumi, H.; Salto, M.;
1986	190	11.1	Higher Harmonic Excitation Method for Ultra-High Resolution	Uematsu, R.*; Ushioda, T.; Takahashi,
1986	193	11.2	Drop-On-Demand Ceramic ink-Jet Head Made from	Suga, M.*; Utsumi, K.; Tsuzuki, M.;
1986	197	11.3	Modeling of Halftone Color Formation	Saareima, H.*; Oittinen, P.
1986	201	11.4	Feedback Control of High-Speed Impact Actuators	Sri-Jayantha, M.*; Sharma, A.; Hara, K.
1986	205	11.5	Surface Coating for the Reduction of Contact Resistance in	Shih, K. K.*; Chieu, T. C.
1986	212	12.1	A Three-Electrode ac Plasma HVCMOS Drive Scheme	Dick, G. W.*; Meyer, W. G.; Faris, A. I.
1986	216	12.2	Improved Electrode Structure and Driving Method for Color Surface-Discharge ac Plasma Display Panels	Uchiike, H.*; Nakayama, T.; Yamamoto, H.; Fukushima, Y.
1986	220	12.3	Independent Sustain and Address Technique for the ac Plasma	Weber, L. F.*; Younce, R. C.
1986	224	12.4	Characteristics and Performance of an Integral Capacitive-	Otsuka, A.*; Horio, K.; Tanioka, T.;
1986	228	13.1	A Thin Flat High-Resolution CRT for Datagraphics	Emberson, D. L.*; Caple, A.; Field, R. L.; Jervis, M. H.; Smith, J.; Lampport, D. Schwartz, S. A.*
1986	232	13.2	Short Cathode Ray Tube	
1986	236	13.3	New High-Resolution Densified Screen for Advanced CRT	Gibilini, D.*
1986	240	13.4	Design of a Microchannel Plate CDT for a General-Purpose	Sonneborn, J. H.*; Hawken, K. W.
1986	246	14.1	A New High-Resolution Jumbotron	Nakagawa, H.*; Ohkoshi, A.
1986	250	14.2	Large Character Display Composed of Thin Lightweight End-Stackable Plasma Modules	Okura, T.*; Hada, H.; Hirayama, T.; Iwakawa, T.
1986	254	14.3	A Large-Area Matrix-Addressed ACEL Display Device	Tongyu, L.*; Xianxin, M.; Zhonghou, Z.

1986	257	14.4	The Powder DCEL Matrix Display	Zhou, L.*; Luo, X.; Chui, X.; Zhang, H.
1986	262	15.1	Development of a High-Speed and High-Resolution Liquid-Crystal Shutter (LCS) for Printer Based on Dual-Frequency	Saitoh, K.*; Aoki, H.; Fujimura, K.; Mawatari, A.
1986	266	15.2	Design of a Semiconductor Laser Print Head	Stanich, M.*
1986	270	15.3	TFEL Edge Emitter Array for Optical Image Bar Applications	Kun, Z. K.*; Leksell, D.; Maimberg, P. R.; Asars, J.; Brandt, G. B.
1986	273	15.4	Improved Amorphous-Silicon Photoreceptor for Diode Laser	Kudoh, M.*; Nakano, M.; Nakayama, Y.;
1986	278	16.1	A New Amorphous-Silicon Alloy Pin Liquid-Crystal TV Display	Yaniv, Z.*; Baron, Y.; Cannella, V.;
1986	281	16.2	Active-Matrix Liquid-Crystal Display with Integrated Scanner Electronics	Maimberg, P. R.*; Patterson, J. G.; Braunstein, T. H.; Snoke, C. R.; Luo, F-;
1986	285	16.3	A New Driving Technique for Flicker-Free Full-Resolution LC-TV	Katagishi, T.*; Marushita, Y.; Okita, Y.; Yamasaki, M.; Takesada, H.
1986	289	16.4	Color LCD for Character and TV Display Addressed by Self-	Nasu, Y.*; Kawai, S.; Kisumi, S.; Oki, K.;
1986	293	16.5	An Amorphous-Si TFT Addressed 3.2-n. Full-Color LCD	Funada, F.*; Takafuji, Y.; Yano, K.;
1986	296	16.6	Full-Color Multi-Gap LC-TV Display Panel Addressed by a-Si TFTs	Hotta, S.*; Nagata, S.; Miyata, Y.;
1986	298	16.7	Polysilicon Thin-Film Transistors on a Novel 800* Glass Substrate	Yokoyama, K.; Adachi, K.; Chikamura, Troxell, J. R.*; Harrington, M. I.; Erskin, J. C.; Dumbaugh, W. H.; Fehlner, F. P.;
1986	302	17.1	Comparison of Six Cursor Devices on a Target Acquisition Task	Epps, B. W.*; Snyder, H. L.; Muto, W. H.
1986	306	17.2	Current Distribution Electrograph	Waaben, S.*; Federico, J.; Curran, R. K.
1986	308	17.3	Handwriting Recognition on Transparent Tablet Over Flat Display	Tappert, C. C.*; Fox, A. S.; Kim, J.; Levy, S. E.; Zimmerman, L. L.
1986	313	17.4	An Interactive 2000-Character DCEL Display System	Mayo, J. W.*; Hutchinson, P.; Hinsley, J. L.; Alexander, P. W.; Davies, M.
1986	316	17	A Three-Coordinate Touch System for Computer Displays	Adler, R.*; Desmares, P. J.; Fitzgibbon, Tanaka, T.*; Kobayashi, S.
1986	318	17	Entry Of Data and Command for an LCD by Direct Touch: An	
1986	322	18.1	Performance of High-Resolution Flat Tension Mask Color CRTs	Dietch, L.*; Palac, K.; Chiodi, W.
1986	324	18.2	Construction of a Flat Tension Mask Color CRT	Strauss, P.*; Prazak, C. J.; Lee, S. D.
1986	327	18.3	Dynamic Beam Shaping of in-Line Color CRTs by Quadrupolar Lenses	Ishida, R.*; Yamane, H.; Toshiyasu, M.; Okuda, S.; Nakanishi, H.
1986	330	18.4	An Electron Gun Design for Flat-Square 110* Color Picture	Gerritsen, J.*; Barten, P. G. J.
1986	334	18	Colorimetric Calibration and Specification of CRT Systems	Virgin, L.*; Murch, G.; TenKate, B.;
1986	338	18	High-Resolution 20V*x20V* Trinitron and Monochrome CRT	Sudo, M.*; Ashiya, R.; Uba, T.; Murata, Oakley, D.*
1986	344	19.1	Dejagging Raster Graphics by Pixel PhasingTM	
1986	348	19.2	An Efficient Anti-Aliasing Software Algorithm	Trueblood, J.*; Mizuno, M.
1986	352	19.3	Contrast Enhancement Using Burt Pyramid Processing	Bessler, R. F.*; Arbelter, J. H.
1986	354	19.4	Diffraction Diffusers for Display Applications	Knop, K.*; Gale, M. T.
1986	357	19.5	A Building-Block Approach to Computer Graphics	Mallicoat, S. W.*
1986	360	19.6	Digital Geometry Correction in Cursive CRT Displays	Richards, G. P.*
1986	364	20.1	High-Resolution Projection Cathodochromic CRT Display with Automatic Self-Alignment	Starkey IV, C. J.*
1986	368	20.2	Full-Color Laser-Addressed Smectic Liquid-Crystal Projection Display	Nagae, Y.*; Kaneko, E.; Mori, Y.; Kawakami, H.; Hashimoto, T.
1986	372	20.3	Full-Color Electron-Beam-Addressed Light-Valve Projector	Haven, D.*; Whitlow, D.; Jones, T.
1986	375	20.4	LCD Full-Color Video Projector	Morozumi, S.*; Sonehara, T.; Kamakura, H.; Ono, T.; Aruga, S.
1986	379	20	Full-Color Single-Projection-Lens Liquid-Crystal Light-Valve	Ledebuhr, A. G.*
1986	383	20	A Liquid-Crystal Light Valve with RGB Color Stripes	Jarrett, S. M.*; Harrison, D. H.; Johnson, Mikoshiba, S.*; Shinada, S.
1986	387	21.1	A Common-Anode Configuration of a Townsend-Discharge Memory Panel for Color-TV Displays	
1986	391	21.2	Characteristics of Discharge in a dc-Plasma Display Panel with	Nwaji, N.*; Endo, J.; Amano, Y.;
1986	395	21.3	Enhancement of Write/Erase Speeds for ac-Plasma Panels	Criscimagna, T. N.*; Hoffman, H. S.;

1986	399	21.4	High-Speed Asynchronous Video Addressing of ac-Plasma Display Incorporating Brightness Control	Lee, J. Y.*; Marentic, M. J.; Moore, J. R.; Weber, L. F.
1986	403	21	High-Resolution VFD On-a-Chip	Yoshimura, M.*; Fujii, K.; Tanaka, S.;
1986	407	21	A 640x400 Graphic Front Luminous VFD	Watanabé, H.*; West, R. A.
1986	410	21	A Four-Square-Foot Monochrome Flatscreen* Display	DeJule, M.*; Stone, C. S.; Sobel, A.;
1986	416	22.1	The Perception of Color Primary Spatial Distribution in Color	Silverstein, L. D.*; Lepkowski, J. S.
1986	420	22.2	Quantitative Evaluation of the Effect of an Antireflection Filter	Rancourt, J.*; Grenawalt, W.; Hunter, M.
1986	424	22.3	Optical Characterization of Anti-Glare Surfaces on Cathode Ray	Stevenson, J. R.*; Fendley, J. R.;
1986	428	22.4	Optimization of Contrast-Enhancement Filter for Information	Kuo, K. H.*; Kalmanaash, M. H.
1986	432	22	Detection of Undersampled Gratings	Benzschawel, T.*; Rogowitz, B. E.;
1986	436	22	A Unique Active Contrast-Enhancement Filter Using Liquid-	Koehler/Beran, R.*; Bos, P. J.
1986	440	23.1	A Stereoscopic Display Using LCDs	Uchida, T.*; Miyashita, T.
1986	444	23.2	A 3-D Pictorial Stereo Cockpit Display	Turner, T. L.*; Helibaum, R. F.
1986	448	23.3	Effective Control Strategies for the Virtual Cockpit	Gibson, C. P.*; Furness, T. A.
1986	452	23.4	The New LCLVs: Adaptations for Clinical Imaging	Airth-Kindree, W.*; Lawrance, D. P.;
1986	455	23	Resolution of Projection TV Systems	Barten, P. G.*
1986	459	23	A New Large-Screen High-Resolution Trinitron Color Display Monitor for Computer Graphics Applications	Awata, Y.*; Sumiya, H.; Shibata, Y.;
1986	463	23	A Test Signal Generator for High-Resolution CRT Displays	Umamura, S. Wakita, T.*; Kaneda, K.
1987	4	3.1	Minitel and Its Applications	Farnoux, A.*
1987	8	3.2	The Automotive Instrumentation Explosion: Growth, Challenges	Wilhelm Jr., R. V.*
1987	14	4.1	The ANSI Human Factors Standard for Visual Display Terminal Workstations: A Process and Progress Report	Snyder, H. L.*
1987	18	4.2	Predicting Flicker Thresholds for Visual Displays	Farrell, J. E.*
1987	22	4.3	Performance and Preference for Cursor-Key Control	Reger, J. J.*; Snyder, H. L.; Epps, B. W.
1987	26	4.4	Resolution and Addressability Requirements for Digital CRTs	Knox, S. T.*
1987	30	4.5	MTF and Perceived Image Quality for Three Glare-Reduction	Hunter, M. W.*; Pigion, R. G.; Bowers,
1987	37	5A.1	Advanced Instrumentation of the Oldsmobile Aerotech	Train, M. H.*
1987	41	5A.2	Application of Graphic Displays in Automobiles	Knoll, P. M.*; Heintz, F.; Neidhard, K.
1987	45	5A.3	A 6-in. High-Resolution Trinitron CRT for Automotive	Okada, M.*; Ashiya, R.; Watanabe, Y.;
1987	49	5A.4	The Investigation of Auditory Displays for Automotive	Wolf, L. D.*
1987	54	5B.1	MIM LC-TV Using New Driving Method	Maezawa, S.*; Yazawa, S.; Niwa, K.;
1987	55	5B.2	Driving Condition for Low-Temperature Poly-Si TFT LCD	Ushiki, T.; Takano, T.; Wakani, Y.;
1987	59	5B.3	Novel Back-to-Back Diode Element for Addressing LCDs	Ohwada, J.*; Kawakami, H.; Nagae, Y.;
1987	64	6.1	Electron-Beam-Addressed Light Valve Operating Modes and	Ono, Y. A.; Ono, K.; Mimura, A.;
1987	68	6.2	High-Performance Video Projector Using Two Oil-Film Light	Sato, T.*; Kobayashi, H.; Watanabe, H.;
1987	72	6.3	Solid-State-Driven Deformable Television Light Modulator	Buzak, T. S.*; Vatne, R. S.; Nelson, G.
1987	75	6.4	High-Resolution Full-Color Video Projector with Poly-Si TFT Array Light Valves	True, T. T.* Glenn, W. E.*
1987	79	6.5	A New Overhead Projection System Using a Defectless 640x400 Pixel Active-Matrix LCD Together with an Input Pad	Aruga, S.*; Araki, R.; Kamakura, H.;
1987	84	7.1	New Structure and Phosphor System for Color AC Plasma Displays	Shinozaki, J.; Morozumi, S. Takahashi, Y.*; Nomura, T.; Kohda, S.;
1987	88	7.2	Characterization of Surface-Discharge AC Plasma Display Panels	Kawada, T. Knauer, P. E.*; Cleven, R. D.;
1987	92	7.3	Energy Recovery Sustain Circuit for the AC Plasma Display	Brownfield, M. J.; Bowser, C. B.; Norby,
1987	96	7.4	A 1.5-m-Diagonal AC Gas Discharge Display	Uchiike, H.L.*; Yamamoto, H.; Niwa, A.;
1987	100	7.5	Fluorescent Indicator Panel with Simple Diode Construction	Ohashi, H.; Fukushima, Y. Weber, L. F.*; Wood, M. B.
1987	115	8.1	Flat-Panel Image Quality	Wedding Sr., D. K.*; Friedman, P. S.;
1987	119	8.2	A Color Matrix Display Image Simulation System for Human	Soper, T. J.; Holloway, T. D.; Reuter, C.
				Yamaguchi, M.*; Kaneko, K.; Seo, H.
				Beaton, R. J.*; Knox, S. T.
				Monty, R. M.*; Silverstein, L. D.; Frost,

1987	123	8.3	Theory and Measurement of Anti-Aliased Line Performance	Trueblood, J. W.*
1987	127	8.4	Contrast Sensitivity and Target Recognition Performance: A	Task, H. L.*; Pinkus, A. R.
1987	130	8.5	Determination of the Effects of Additive Noise on Bar Target Resolution - A First Step in Minimum Resolvable Temperature	Driggers, R. G.*; Halford, C. E.; Bray, C. W.; Sanders, J. S.
1987	134	8.6	Visually Displayed Force Feedback in Delayed and Non-	Reger, J. J.*
1987	140	9.1	A 14-in.-Diagonal Active-Matrix-Addressed Color LCD Using a-Si:H V2-TFTs	Tanaka, H.*; Motte, S.; Hoshino, M.; Taka-hashii, K.; Ohta, M.; Sakai, T.;
1987	143	9.2	Video Characteristics of Active-Matrix LCD Addressed by a-Si TFTs	Ishizu, A.*; Takahashi, S.; Ideno, H.; Takasago, H.; Miki, H.; Onishi, Y.
1987	147	9.3	CdSe Thin-Film Transistors with Low Off-Current and Anodized Ta2O5 Gate Oxide in a 12,288-Pel LC Display	Spachmann, J.*; Kalifass, T.; Lueder, E.; Moersch, G.; Otterbach, W.
1987	151	9.4	A CMOS-Like Amorphous-Silicon Ambipolar Thin-Film	Neudeck, G. W.*; Chung, K. Y.
1987	155	9.5	A Large-Area Diode-Matrix LCD Using SiNx Layer	Toyama, M.*; Harajiri, T.; Maeda, T.; Kuroda, Y.; Tsunoda, Y.; Suzuki, M.;
1987	159	9.6	High-Performance Amorphous-Silicon Alloy PIN Active-Matrix LCD for Military and Avionic Applications	Vijan, M.*; Baron, Y.; Lien, A.; Cannella, V.; McGill, J.; Yaniv, Z.; Ukrainsky, O.
1987	162	10.1	Quadrupole Lens for Dynamic Focus and Astigmatism Control in an Elliptical Aperture Lens Gun	Shirai, S.*; Fukushima, M.; Miyamoto, S.; Miyazaki, M.
1987	166	10.2	Progressive-Scanned 33-in. 110* Flat-Square Color CRT	Suzuki, H.*; Ashizaki, S.; Sugawara, K.; Natsuhara, M.; Muranishi, H.
1987	170	10.3	A High-Resolution Electron Gun for Color Projection CRTs	Spanjer, T. G.*; van Gorkum, A. A.; van Soest, T. L.; Smits, M. R. T.
1987	174	10.4	A 6.5-in.-Diagonal High-Resolution High-Frequency	Woody, T. W.*
1987	178	10	A 6.3x6.3 in. Avionics Beam Index CRT	Saito, S.*; Tanaka, Y.; Yamamoto, M.;
1987	182	10	Improvements in Filter, Phosphor and Mask Technologies for	Kolbeck, R.*; Schwerfeger, W.; Seifert,
1987	186	11.1	Pressure-Wave Generation Ink-Jet Head Using Elongated Fluid-Filled Piezoelectric Transducer	Lee, F. C.*
1987	189	11.2	One-Dimensional Simulation of a Phase-Change Cycle in	Runge, W.*
1987	192	11.3	Factors Influencing the Lifetime of Thermal Ink-Jet Heaters	Chang, L. S.*; Olive, G.
1987	196	11.4	Prediction of Thermal Ink-Jet Lifetimes from Chemical Dissolution Rates of Passivation Layers	Forouhi, A. R.*; Eldridge, J. M.
1987	199	11	Thermal Ink Jet	Hashimoto, K.*; Suzuki, Y.; Hattori, S.; Shibuya, K.; Maeda, M.
1987	206	12.1	A Technique for Precision Measurement of Display Spatial	Austin, R. L.*; Otto, H. J.
1987	211	12.2	A Technique for the Automated Measurement of the Resolution of Shadow-Mask CRT Displays	Veron, H.*; O'Callaghan, J. P.
1987	214	12.3	Parametric MTF Analysis for Shadow-Mask CRT Monitor	O'Callaghan, J. P.*; Veron, H.
1987	218	12.4	Digital Video Lightmeter	Nelson, L. Y.*; Green, J. R.; Blanchett,
1987	221	12	Accuracy of CRT Color and Luminance Measurements with Tristimulus Colorimeters and Silicon-Based Luminance Meters	Rochow, F.*; Hardy, A. E.
1987	225	12	Semi-Automatic Measurement of the Two-Dimensional Intensity Distribution of a Color CRT Electron-Beam Spot	Bortfeld, D. P.*; Beltz, J. P.
1987	230	13.1	A Multicolor Thin-Film Electroluminescent Device with Patterned Phosphors	Yamauchi, N.*; Kozawaguchi, H.; Kogure, O.; Tsujiyama, B.
1987	234	13.2	A Full-Color Thin-Film Electroluminescent Device with Two Stacked Substrates and Color Filters	Tanaka, S.*; Mikami, Y.; Nishiura, J.; Ohshio, S.; Yoshiyama, H.; Kobayashi,
1987	238	13.3	Bright-Green TFEL Devices Using Sputtered ZnS:Tb,F	Ohnishi, H.*; Yamasaki, Y.; Iwase, R.
1987	242	13.4	Low-Drive-Voltage TFEL Devices Prepared by Multisource	Nire, T.*; Watanabe, T.; Tanda, S.;
1987	245	13	Model for Electroluminescence in Alkaline-Earth-Sulfide	Crandall, R. S.*; Ling, M.; Kane, J.;
1987	249	13	Thin-Film Electroluminescent Devices Having rf Magnetron Sputtered SrNb2O6 Insulating Films	Hayashi, T.*; Kotzumi, M.; Kanno, H.; Mita, J.; Sekido, Y.; Abiko, I.; Nihel, K.
1987	254	14.1	A Paperless Plotter Display System Using a Laser Smectic Liquid-Crystal Light Valve	Kahn, F. J.*; Kendrick, P. N.; Leff, J.; Livoni, L. J.; Loucks, B. E.; Stepner, D.
1987	258	14.2	An Electronic Podium for the Classroom	Levine, J. L.*; Garwin, R. L.; Schappert,
1987	261	14.3	A High-Resolution Monoscopic/Stereoscopic Display	Mays, J. A.*
1987	265	14.4	New Technology Touch Panel Offers Easy System Integration	Blanchard, R. D.*
1987	267	14	Compensating for One-Dimensional Parallax Error in Touch-	Choinshik T. C.*; Sweetman, D. E.

1987	272	15.1	Developer Charging	Gruber, R. J.*
1987	276	15.2	Powder Toners for Non-Impact Printers	Wilson, D. E.*
1987	279	15.3	A New Optical Method of Paper Roughness Measurement for	Huynh, V-M.*; Miller, W. H.
1987	283	15.4	Forms Selection Criteria for Laser Imaging	Borch, J.*; Chen, H. H.
1987	288	16.1	Analysis of Deterioration in Brightness-Voltage Characteristics	Watanabe, J-I.*; Wakitani, M.; Sato, S.*;
1987	292	16.2	DC Electroluminescent 640x200 Display Panel	Glaser, D.*; Kupsky, G. A.
1987	295	16.3	Drive System for a 640x200 DCEL Display	Channing, D.*; Chiang, L.; Concklin, B.;
1987	299	16.4	TFEL Character Module Using a Multilayer Ceramic Substrate	Nunomura, K.*; Sano, Y.; Utsumi, K.;
1987	303	16	Design Rules for Thin-Film Electroluminescent Displays	Hope, L. I.*; Abdalla, M. I.
1987	307	16	Efficiency Improvements in ZnS:Mn ACTFEL Devices Driven by	McArthur, R. C.*; Owen, S. J. T.; Zhu,
1987	312	17.1	On the Brightness of Colors That Differ in Hue or Saturation	Cowan, W. B.*; Ware, C.
1987	315	17.2	CRT Display Colors and Luminances for Use in Very Low	Rogers, S. P.*; Spiker, V. A.; Moffitt, K.
1987	319	17.3	Evaluation of CRT Color Using Semantic Differential Method	Takeichi, K.*
1987	322	17.4	Accurate Representation of Surface Colors on a Video Display	Lucas, J. M.*
1987	326	17	Real-Time Color Display Control System	Nesbitt, D. W.*; Willey, F. J.
1987	332	18.1	Design of a NS-Pin-Corrected 110° COTY Yoke for CRTs with	Dasgupta, B. B.*
1987	335	18.2	COMA: Computer-Aided Design and Analysis of Shunt	Alig, R. C.*
1987	339	18.3	A Convergence Correction Method Without Beam Spot Size Degradation	Amano, Y.*; Sudo, M.; Iwaki, I.;
1987	343	18.4	The Effect of Microdeflection on the Luminance Distribution Within A Pixel	Ishikawa, Y.; Nakayama, A.; Murata, A.;
1987	347	18	Moire Considerations in Shadow-Mask Picture Tubes	Kindt, L. M.*; DeClercq, A. J.;
1987	352	19.1	A Multiplexed Ferroelectric Liquid-Crystal Light Shutter Array Using an AC Field-Stabilization Method	Vandenbergh, P. R.; Maelfeyt, J. A. Wittke, J. P.*
1987	356	19.2	High-Resolution and High-Speed Printing Head Using 1/8-Duty Multiplexed Ferroelectric Liquid-Crystal Shutter Array	Umeda, T.*; Nagata, T.; Mukoh, A.;
1987	360	19.3	Transient Nematic Liquid-Crystal Image Bar for Electrophotographic Printers	Hori, Y.
1987	363	19.4	Simplified Print Head Structure for Magnetographic Printing	Naemura, S.*; Ichinose, H.; Kato, Y.;
1987	367	18	Laser-Addressed Liquid-Crystal Light Modulators for Color Electronic Imaging with Mead Microencapsulated Paper	Ueda, H.; Kogo, A.; Ohsawa, K.;
1987	372	20.1	The Optical Mode Interference Liquid-Crystal Display: Dependence on Material and Cell Parameters	Perregaux, A. E.*; Stephany, J. F.;
1987	376	20.2	A Polyimide Processing Technique for the Manufacture of SBE Displays	Faucz, E. C.; Hudson, R. A.; Hull, V. J.;
1987	379	20.3	A New Class of Color Filters for Liquid-Crystal Displays	Lakatos, A. I.; Martel, R. A.; Narang, R.;
1987	383	20.4	Studies of Anisotropic Conducting Adhesive Film for Fine-Pitch	Dove, D.*; Grebe, K.; Keefe, G.; Mayo,
1987	387	20	Stereoscopic Display Using Double Guest-Host Liquid-Crystal	A.; Yarmchuk, E.; Zug, R.
1987	391	20	High-Display Performance Black and White Supertwisted	Lu, S.*; Hochbaum, A.; Davis, C.;
1987	395	20	Color Filters From Polyamic Acids	Holycross, M.; Boyer, D.
1987	398	21.1	Turbo Convolution: A Fast Antialiasing Algorithm for Dejagging Raster Graphics Displays	Schadt, M.*; Leenhouts, F.
1987	402	21.2	Fast Methods for Orthogonally Reorienting Bitmap Images	Gass, P. A.*; Mosley, A.; Nicholas, B.
1987	408	21.3	A Performance Evaluation of Microprocessors	M.; Brown, J. T.; Edwards, C. P.;
1987	412	21.4	Digital CRT Luminance Uniformity Correction	Latham, W. J.*; Brewer, T. L.; Hawley,
1987	416	21	Video to LCD Interface (VLI) IC Converts Video Signals into	D. W.; Lamb III, J. E.; Stichnote, L. K.
1987	420	22.1	Temporal and Spatial Response of Ribbons in Thermal Transfer	Yamaguchi, A.*; Shimomura, T.
1987	424	22.2	Development of an A4-Size Color Video Printer	Miyashita, T.*; Uchida, T.; Nagata, S.
1987	428	22.3	The Quality of Text in Electronic Printing	Kawasaki, K.*; Yamada, K.; Watanabe,
1987	431	22.4	The Direct Negative/Direct Plate: From Computer to Press	Bolon, D. A.*; Eddy, V. J.; Codella, P. J.;
1987	435	22.5	The Direct Negative/Direct Plate: Models and Measurements	Oakley, D.*; Parson, D.
1987	438	22.6	3M's Dry-Silver Color Technology	Kornfeld, C.*
1988	4	3.1	Harnessing Virtual Space	Ong, S.*; Hu, E. C.; de Nicolas, A. M.;

1988	8	3.2	Digital Video Interactive	Kalman, Arthur
1988	12	4.1	Techniques for Dielectric Strength Monitoring in Electroluminescent Display Manufacture	Boudreau, Robert A.; Connolly, Joseph E.; Dale, Brian
1988	16	4.2	A High-Brightness rf-Sputtered ZnS:Mn Films for TFEL	Frey, Craig; Serafin, Daniel; Boudreau, Nishikawa, Masahiro; Matsuoka, Tomizo; Tohda, Takao; Fujita, Yosuke;
1988	19	4.3	A Highly Stable TFEL Panel with CaS Buffer Layer	Muller, Ger O.; Mach, Regina; Reetz, Roland; Reinsperger, Gerd U.
1988	23	4.4	Degradation Mechanisms of ac Thin Film Electroluminescence in Alkaline-Earth Sulfide ACTFEL	Singh, Vijay P.; Morton, David C.
1988	27	4.5	Mechanism of Electroluminescence in Alkaline-Earth	Steiner, S.A.; Tsoi, H.Y
1988	31	4.6	High Performance Column Driver for Gray-Scale TFEL	Chadha, Surjit S.; Haynes, Charles V.; Vecht, Aron
1988	35	4.7	Electrical Admittance Measurements of Direct Current Electroluminescent Powder Display Devices and Their	Matsumoto, S; Murayama, A.; Hatoh, H.; Kinshita, Y.; Hirai, H.; Ishikawa, M.; Ikeno, H.; Ohsaki, A; Ozaki, N; Nitta, M.; Kobayashi, S; Nakaya, K.
1988	41	5.1	Large-Area Video-Rate Multicolor Ferroelectric Liquid Crystal Display	Kimura, Naofumi; Shinomiya, Tokihiko; Yamamoto, Kunihiro; Ichimura, Yukiko; Nakagaw, Kenichi; Ishii, Yutaka;
1988	45	5.2	LCDs Fabricated Using Langmuir-Blodgett Polyimide Orientation Films	Koh, H; Sawada, K.; Ohgawara, M.; Kuwata, T.; Tsubota, H.; Akatsuka, M.; Day, Sally E.; Shanks, Ian A.; Saunders, Shiwa, Shinichi; Hoshino, Yasushi
1988	49	5.3	Multicolor Display by Double-Layered Supertwisted-Nematic Display	Post, David L.; Calhoun, Christopher S. Jacobsen, Alan R.
1988	53	5.4	A 960x240 Pixel Multicolor Supertwisted-Nematic Display	Zenyuh, John; Reising, John; Mazur, Kim; Berthelemy, Kristen; Laursen, Taylor, Joann M.; Murch, Gerald M.; McGranaghan, Matthew
1988	57	5.5	Modeling of a Two-Frequency Addressed Supertwisted-	Smith-Kerker, Penny L.; Bias, Randolph
1988	61	5.6	Electrophoretic Display Method Using Ionographic	Williams, Rodney Don; Garcia Jr., Felix
1988	65	6.1	Color Name Boundaries for Equally Bright Stimuli on a	Muro, Mikio; Kuroda, Kazuo; Shimura, Tutomu; Omatsu, Takashima; Chihara, Trias, J.*; Robinson, W.; Philips, T.; Merry, B.; Hubin, T.
1988	69	6.2	Predictive Color Modeling for Targets of Small Visual	Mori, Yuji; Funahate, Katsuyuki; Nagaie, Yoshiharu; Kaneko, Eiji; Kawakami, Hideaki; Hashimoto, Tadahiko; Shiaishi, Ye, Ruhua*; Meng, Xianxin
1988	73	6.3	The Use of Color and Size Enhancements of Critical Features in Low-Resolution Pictorial Displays	Green, Mark*; Lyon, Paul
1988	77	6.4	Tektronix HVC: A Uniform Perceptual Color system for	Bechis, D.J.; Fields, J.R.; Paul, W.B.; Sverdlove, R.; Winarsky, N.D.;
1988	81	6.5	Effect of Background Chromaticity and Luminance on interpreting Color-Coded Area Symbols in Maps and	Johnson, Jeffrey P.; Paul, Walter B.
1988	85	6.6	The Effect of Color Encoding on the Subjective Quality of	Perreaut, J.M.; Dumesnil, A; Pieri, R.
1988	91	7.1	A Real-Time Autostereoscopic Multiplanar 3D Display	Kuramoto, Toshio, Honda, Masanobu; Yoshida, Toshifumi; Konosu, Osamu
1988	95	7.2	Brightness Amplifying 3D TV Projection System with a Copper Laser	Katsuma, T.; Hamano, E.; Shimaohgi, T.; Umezu, N.
1988	99	7.3	A 1075-Line Video-Rate Laser-Addressed Liquid-Crystal Light-Balve Projection Display	Murakami, H.; Kuriyama, T.; Seki, M.; Katoh, T.; Sega, S.; Nakagaw, H.; Kaneko, R.; Takano, YH. Saakai, T;
1988	102	7.4	Optical System of a Multicolor Laser-Addressed Liquid-Crystal Projection Display	Uchiike, H.; Niwa, A.; Ohashi, H.; Fukushima, Y.
1988	106		Mosaic Plastic ACEL Large-Screen Storage Display	Ssugawara, M.; Kurai, T.; Uchiike, H.
1988	109		A New Computer-Human Interface for Aligning and Edge-Matching Multichannel Projector Systems	
1988	122	8.1	Beam3D: Computer simulation of CRT Electron Beams with Full 3D Space Charge, Thermal Spread and	
1988	156	8.2	Computer Simulation of CRT Electron Beams Using	
1988	129	8.3	Shielded Yoke for a High-Resolution Color CRT	
1988	132	8.4	The SSC Deflection Yoke for In-Line Color CRTs	
1988	136	8.5	Dynamic Astigmatism Control Quadra Potential Focus Gun for 21-in. Flat Square Color Display Tube	
1988	142	9.1	Fabrication Techniques for a 20-in. Color DC PDP	
1988	146	9.2	Full-Color Surface-Discharge Color Plasma Display with Common electrode Structure	
1988	150	9.3	Surface Discharge Color Plasma with Common Electrode	

1988	153	9.4	High Phosphor Excitation Efficiency in Single Substrate	Andreadakis, Nicholas C.
1988	157	9.5	Color Plasma Display Panels with Simplified Structure	Gay, M.; Salavin, W.; Deschamps, J.;
1988	160	9.6	Addressing Theory of the Independent sustain and	Weber, Larry F.; Warren, Kevin W.
1988	166	10.1	Reconfigurable Displays Used as Primary automotive	Sattler, Walter J.; Corsi, Kim M.
1988	170	10.2	An Automotive Qualified Liquid-Crystal Shutter	Haven, Thomas J.; Melcher, Dean
1988	174	10.3	Display System for an Express-Turbine Concept Vehicle	Brandt, Douglas J.; Elkins, Edward J.
1988	178	10.4	The ABCs of Automatic Brightness Control	Merrifield, Robin.; Silverstein, Louis D.
1988	182	10.5	High-Performance CRT Display Electronics Package for an Airborne Virtual Panoramic Display	Sellers, John
1988	185	10.6	A Study of Materials and Methods for EMI Shielding	Hasan, Rashad
1988	190	11.1	Electronic Color Printing with a Liquid-Crystal Light Modulator on Low Sensitivity Photographic Materials	Kollarits, Richard V.; Gibbon, David C.; Ninke, William H.
1988	194	11.2	Color Reproduction system for Thermal-Sublimation Dye-	Fukuda, Haruo; Asada, Osamu; Tsuji,
1988	98	11.3	Full-Color Ink-Jet Printer for Computer Displays	Kubota, Hidemi; Ikeda, Ikumasa; Moriyama, Jiro; Suzuki, Eiichi; Ishikawa,
1988	202	11.4	New Developments in Continuously-Variable Dot size Ink-	Samuelsson, Bo
1988	205	11.5	Multimodality Laser Imager	Jamieson, Peter
1988	207	11.6	Continuous-Tone Color Hard-Copy Printer Luncheon	Thurlow, J.
1988	214	12.1	The Interference Filter Projection TV CRT	Vriens, Leendert; Spruit, Johannes H.
1988	218	12.2	Optical Aspects of the Interference Filter Projection CRT	Clarke, John A.; Spruit, Johannes H. M.;
1988	222	12.3	Highly Stable Xenon Compact Arc technology	Kramer, Marc
1988	227	12.4	Low-Loss High-Intensity Color Projection	Pirs, Janez; Zumer, Slobodan; Blinc, Robert; Doane, J. William; West, John Castleberry, Donald E.; Possin, George
1988	232	13.1	A 1-megaPixel Color a-Si TFT Liquid-Crystal Display	Luo, Fang-Chen, Ali, Tariq; Bevacqua, Saverio; Heinze, William; Laskos Jr.,
1988	235	13.2	Fabrication of a-Si TFT-LC Color Display Panels	Katoh, Kazuhisa; Imagi, Shin'ichi;
1988	238	13.3	Active-Matrix-Addressed Color LCDs for Avionics	Yoshida, Mamoru; Nomoto, Tsutomu;
1988	242	13.4	A 9-in. Multicolor LCD Addressed by a-Si TFTs with High-Field-Effect Mobilities	Sekido, Yshihira; Abiko, Ichimatsu;
1988	246	13.5	High-Speed SC* Mixtures: An Evaluation of Their Performances	Dijon, Jean; Evel, Christine; Vauchier, Claude; Baume, Françoise; Clerc, Jean-Frederic; Estor, Maurice; Leroux, Siminitz, Jude Tad; Schultz, Franklin
1988	252	14.1	Speaker Independent Voice Recognition as an Input	Marsden, Randy*; Tanne, Les
1988	256	14.2	Display-Enhanced Speech Prosthesis	Baggen, Edward A.*; Snyder, Harry L.;
1988	259	14.3	A Human Factors Evaluation of Current Touch-Entry	Williams, Rodney Don*; Garcia, Jr.,
1988	263	14.4	An Extremely Reliable Optical Keyboard for Severe	Tirumala, Muralidhar*; Lee, Francis C.
1988	268	15.1	Thermal Analysis of Thermal Ink-Jet Heater Structure	Chang, L.S.*
1988	271	15.2	Mechanisms of Failure of Thermal Ink-Jet Thin-Film	
1988	275	15.3	A Study of the Electrodynamical Effect in a Transducer for the Ejection of Ink Droplets	Berdelle-Hilge, Peter C.*
1988	279	15.4	Ink-Jet Small-Signal Response	Cordery, Robert A.*
1988	284	16.1	Matrix-Addressed Full-Color TFEL Display	Barrow, William A.*; Coovert, Richard E.; King, Christopher N.; Ziuchkovski,
1988	287	16.2	A Full-Color ACEL Device Using ZnS:Ho Thin film and Color Filters	Zhong, Guo-zho*; Li, Chang-hua; Tao, Shi-wen; Wang, Shu-qin; Zhang, Chen-Ohnishi, Hideomi*; Iwase, Ryotaro;
1988	289	16.3	Red-Color ACTFEL Devices Using Sputtered CaS:Eu thin	Tanaka, Shosaku*; Yoshiyama, Hideki;
1988	293	16.4	Bright White-Light electroluminescent Devices with New Phosphor Thin-Films Based on SrS	Nishiura, Junichi; Ohshio, Shozo;
1988	297	16.5	Feasibility of a 40x40 cm ² TFEL Display with 2000x2000 Lines Operating at 50W	Kuwata, Jun*; Fujita, Yosuke; Tohda, Takao; Matsuoka, Tomizo; Nishikawa, Masahiro; Tsukada, Takshi; Abe, Magasawa, S. (.; Watanabe, H.
1988	301	16.6	A 640x400 Graphic VFD with 16 Gray Levels	
1988	305	16.7	Display/Driver Interconnection Using Conductive Hot-Melt	Reinke, Roger R.*; Kennedy, Tom W.
1988	310	17.1	High Resolution full-Color LCDs Addressed by Double-Layered Gate-Insulator a-Si TFTs	Katayama, M.*; Morimoto, H.; Yasuda, S.; Takamatu, T; Tanaka, H.; Hijikigawa,

1988	314	17.2	Dynamic Characteristics of LCD Addressed by a-Si TFTs	Miyata, Yutaka *; Ogawa, Tetsu;
1988	318	17.3	A 5-in.-Diagonal High-Resolution Active-Matrix Color LCD Module	Inoue, F.*; Ando, K.; Kabuto, N.; Kamiya, M.; Nakatani, M.; Nashimoto, R.; Suzuki, K.; Suzuki, H.; Tsukada, T.;
1988	322	17.4	A 10-in.-Diagonal High-Resolution Active-Matrix Color LCD Module	Niki, Kenichi *; Takahashi, Seiki; Ideno, Hiroaki; Ishizu, Akira; Hayama, Piper, William W.*
1988	326	17.5	The Use of Custom-Blended RGB Fluorescent Lamps to Optimize Liquid Crystal Color Display Performance	
1988	330	17.6	Low-Resistance Mo=Ta Gate-Line Material for Large-Area a-Si TFT-LCDs	Dohjo, Masayuki*; Aoki, Toshio; Suzuki, Kouji; Ikeda, Mitsushi; Higuchi, Toyoki;
1988	336	18.1	Comparing the Readability of Display Technologies:	Lanzetta, Thomas M.*; Lubart, Neil D.
1988	340	18.2	The Effect of Character Height-t-Width Ratio on CRT	Benson, Brian L.*; Farrell, Joyce E.
1988	344	18.3	Effects of Line and Cell Failures on Readings and Search Performance Using Matrix-Addressable Displays	Lloy, Charles J.C.*; Decker, Jennie J.; Kurokawa, Ko; Snyder, Harry L.
1988	348	18.4	The Development of an Objective electromyographic Measure of VDT-Induced Visual Stress	Berg, W. Keith *; Krantz, John H.; McGovern, Jennifer B.; Donohue, Varner, Denise C.*; Carledge, Robert M.
1988	352	18.5	Wavelength Dependent and Independent Effects of Veiling Glare on the Visibility of Heads-Up Display (HUD)	
1988	356	18.6	Design and Evaluation of Thre-Dimensional Displays for Aviation: A Consideration of the Critical Variables	Haskell, Ian D.*; Wickens, Christopher D.
1988	360	18.7	A Local Basis for Perceptually Relevant Resolution	Westerink, Joyce H.D.M.*; Roufs, Conway, John L.*; Leger, Jeffrey R.
1988	366	19.1	Graphics Benchmarks for Real-Time C3 applications	Wright, T.
1988	370	19.2	Graphics Architecture Performance for Cammand-and-	
1988	374	19.3	A Performance Evaluation Windowing Environment Using	Ong, Shauchi *; Hu, Elbert C.
1988	378	19.4	A Flexible Real-Time Windowing Environment Using	Cooper, Bruce
1988	381	19.5	Antialiasing Characters by Pattern Recognition	Cordonnier, Vincent *
1988	386	20.1	A 45-in. Flat-and-Square Trinitron color CRT	Nakamura, M.*; Makino, T.; Soematsu, Yano, Tomoya *; Fujita, Koji; Irie, Osamu; Matsuo, Toshimitsu; Tsuchiya, Bonye, Gordon R.*; Kavanagh, Martin;
1988	389	20.2	A 5-in. Beam-Index Color Monitor for Automotive applications	Kawamura, Takao *; Kawamura, Hiromitsu; Kobara, Katsumi; Saitoh, Sakai, Shigenobu*; Masuda, Kiyoshi; Kimura, Kazuo; Nakajima, Hideki; Stewart, Roger G.*;
1988	393	20.3	Colour CRT Screens Made by Electron Beam and UV	Ferry, Andrew D.*; Migliorato, Piero
1988	395	20.4	An Antireflection Coating for CRTs	
1988	400	21.1	A Defect-Tolerant Technology for an Active-Matrix LCD Integrated with Peripheral Circuits	Ohshima, H.*; Nakazawa, T.; shimobayashi, T; Ishiguro, H.;
1988	404	21.2	Polycrystalline Silicon Liquid LCDs with High-Sspeed	Kato, Kinya *; Kakuda, Nobuhiko; Naito, Nobboru; Wada, Tsutomu
1988	406	21.3	Analysis and Simulation of the Dynamic Behaviour of the Capacitively Coupled Transistor (CCT) Active-Matrix	Watanabe, Hiroshi*; Okumura, Osamu; Wada, Hiroshi.; Ito, akihiko; Yazaki, Minoru; Nagata, Mituo; Takeshita, Abileah, Adi*; Vijan, Meera; Baron, Yair; Cannella, Vincent; McGill, John; Yaniv, Naiman, Avi *; Farrell, Joyce
1988	108	21.4	9.5-in. Poly-Si TFT-LCD with New Transistor Configuration	Ohtsuka, Sakuichi *; Inoue, Masayuki,; Watanabe, Kazuhisa
1988	412	21.5	Planarized Active Maatrix for Large-Area High-Resolution LCDs	Cushman, William H.*; Miller, Rodney L.
1988	416	21.6	Full-Color LCD with Neutralized STN (NTN)	
1988	420	21.7	Full-Color Displays with Amorphous-Silicon PIN Diodes for Military and Avionics Applications	Gomer, Frank E.*; Silverstein, Louis D.; Monty, Robert W.; Hugg, Jerry W.;
1988	424	22.1	Modeling the Display and Perception of Gray-Scale	Bakker, W.*; Bosman, D.
1988	428	22.2	Quality Evaluation of Pictures with Multiple Impairments Based on Visually Weighted Error	Barten, Peter G.J.*
1988	432	22.3	Resolution and Gray-Scale Requirements for the Display of Legible Alphnumeric Characters	
1988	435	22.4	A Perceptual Basis for Comparing Pixel Selection Algorithms for Binary color Matrix Displays	
1988	439	22.5	Engineering How We See a Display	
1988	445	22.6	Evaluation of CRT Displays with the SQRI Method	

1988	450	23.1	High-Performance 3D Viewing systems Using Passive	Bos, Philip *; Haven, Thomas; Virgin,
1988	454	23.2	Requirements, Specifications, and Architecture for a Real- Time Display Simulator	van der Meulen, Andries E.*; Porrero, Inmaculada Placencia
1988	458	23.3	Mechanical Color: and Interlaced LCD Display	Bender, Walter *