

**Preliminary Table of Contents for SID Proceedings 1969-1988  
( author companies not listed)**

**Author Legend:** Name\* = sole author

Name without \* (asterisk) = one of one or more of the co-authors of the paper

Name \* et al = lead author with one or more co-authors

**Technology Legend:** **amd** - active matrix; **apv** - applied vision; **crt** - cathode ray tube; **dsy** - display system  
**gra** - graphics; **ip** - image processing; **lc** - liquid crystal; **led** - light emitting diode; **nlc** - non-LC flat panel;  
**nlc** - non-LC flat panel; **opt** - optics; **pl** - plasma; **prj** - projection; **sur** - surveys, patents

Year	Quarter	Page		Title	Author(s)
1969	1	1	dsy	Driver Performance Using an Experimental Route Guidance system	Gibbs, William L.*
1969	1	5	dsy	Computerized Fingerprint Classification	Paolantonio, Anthony *
1969	1	11	dsy	Iso-Echo Contour Circuit for Selective Threshold Display of Precipitous Video Targets on a Weather Radr RHI/PPI Screen	Pedicini, Albert A.*
1969	1	27	dsy	Development of the Display Methodology for an Air-Pollution Command Control System	Kochman, Arthur *
1969	1	43	dsy	Bell Telephone's Business Office in Teal Time	Kamman, Alan B.*; Saxton, Donald R.
1969	1	55	dsy	A New Approach to Character Generation	Lamoureux, William R.*
1969	1	61	del	Graphic-Aided Design of a Graphic Device	Rasmussen, Harold S.
1969	1	69	gr	Photoplastic Film Multi-Color Display	Bigelow, J.E.*
1969	1	107	prj	A High-Resolution Closed Circuit Remote Viewing System	Bolnick, Franklin I.*; Corbett, Thomas J.
1969	1	119	dsy	Computer-Addressed Displays for Helicopter IFR Station-Keeping Flight	Nicholson, Robert M.*; Baker, Charles A.; Gurman, Brad; Cundari, Lt. Cmdr., Francis
1969	1	129	dsy	Holographic Real-Time Display	Halbegger, MA.*; Harris, T.J.; Sincerbox, G.T.
1969	1	143	opt	String Descriptions of Data for Display	George, J.E.*; Miller, W.F.
1969	1	148	opt	Generalized Equations for Display System Design	Sherr, Solomon *
1969	1	159	opt	Computer Animation as a Tool for Educators	Pendergast, Thomas F.*
1969	1	163	dsy	Multi Channel Colored Oscilloscope	Okajima, Kooji *; Furuta, Hiroshi
1969	1	183	dsy	Dynamic CRT Spot Measurement Techniques	Sawtelle, Edward M.*; Gonyou, George W.
1969	1	193	dsy	An Experimental 4000 Picture-Element Gasdischarge TV Display Panel	de Boer, Th. J.*
1969	1	201	dsy	Some Notes on Stereoscopic Display, and an Isochromic Anaglyph CRT	Ferguson, E.T.*
1969	2	1	dsy	Papers from 1968 Symposium (and related)	Engel, Jan M. (guest editor)
1969	2	1	dsy	Effective Information Displays	Luxenberg, H.R.*
1969	2	3	crt	Display Technology - Today & Tomorrow - Light Valving Techniques	Chafaris, G.J. *
1969	2	9	crt	Display Technology - Today & Tomorrow - Photorecording Techniques	Wilcox, David *
1969	2	22	dsy	Display Technology - Today & Tomorrow - Laser Displays	Beiser, Leo *
1969	2	30	dsy	Symbols, Sense and Sin	Kinney, Glenn C.*
1969	2	34	x	Display Programming - 1968	Thomas, E.M.*
1969	2	43	dsy	Challenges Presented to the Computer Field by Display Technology	Hobbs, L.C.*
1969	2	46	prj	Desired Characteristics of Automated Display Consoles	Hughes, Arthur D.*
1969	2	51	dsy	Predictor Display for Remote Roving Surface Vehicle Control	Kelley, Charles R.*
1969	2	57	prj	Display Parameters	Sherr, Sol *
1969	3	63		Multisensor Processing for Presentation of an Integrated Display	Perutz, R.A.*
1969	3	73		Dynamic Electrographics	Burke, Harry E.*

1969	3	83		On the Measurement of the Luminance and Luminous Efficiency of Display Devices	Sobel, Alan *
1969	3	95		Performance Differences Between Cathode-Ray Tubes and Dot Matrix Displays	Goede, Walter F.*
1970	1	2	dsy	An XY Raster Utilizing a Dipolar Electro-Optic Medium	Marks, Alvin M.*
1970	1	6	de	Character/Symbol Generation by MOS Read Only Memory	Muoio, Anthony W.*
1970	1	16	pr	A Technical Survey of Digital Plotters	Davis, Samuel *
1970	1	43	gr	Does Interaction Kill Passive Graphics?	Dunne, William M.*
1970	2	49	gr	Future Trends in Computer-Aided Design	Sutherland, I.E.*
1970	2	52	gr	The Evans & Sutherland LDS-1 System	Ogden, S.*
1970	2	61	dsy	Applications of Digital Television Displays to Command and Control	Sherr, S.*
1970	2	71	de	Stroke and Vector Limitations Imposed by Yoke and Amplifier Bandwidth	Kurek, N.B.*
1970	2	76	ds	Testing Large Virtual Infinity CRT Display Systems	Goodell, W.V.*
1970	2	81	opt	Requirements for Holographic Displays	Jacobson, A.D.*
1970	3	97	de	Inexpensive Electronic Memories	Weiss, Jack S.*
1970	3	105	dsy	Night Vision Displays for the Seventies	Franseen, Richard E.*
1970	3	112	gr	The IDIOM	Machover, Carl *
1970	3	121	gr	The GRAIL Project	Ellis, T.O.*; Heafner, J.F.; Sibley, W.L.
1970	3	140	app	Picturephone Service for the 1970s	Wright, Bernard A.*
1970	4	145	sur	Display Patents	Hilborn, Edwin H.*
1970	4	147	ip	Data Compression for Image Storage and Transmission	Bradley, Steven D.*
1970	4	151	prj	A Real-Time Laser Photochromic Display	Anderson, Robert J.*
1970	4	165	dsy	An Inner Raster CRT Photo Generator	Ensminger, R.L.*; Howarth, R.F.
1970	4	177	crt	The Effect of Filters on Contrast and Readability of CRT Display	Sach, Gary M.*
1970	4	189	crt	Deflection Amplifier Compensation for Point Plotting	Kurek, Nick B.*
1971	1	1	led	The Effectiveness of Light-Emitting Diodes as Display Device Elements	Pucilowski, Joseph J.*
1971	1	8	sur	Flat Panel Matrix Displays - An Overview	Kaelin, George R.*
1971	1	21	crt	A Short Length Rectangular Oscilloscope Tube with High Deflection Sensitivity by Using an Original Technique	Martin, A.*; Deschamps, Jacques
1971	1	22	crt	An Improved CHARACTERON® Shaped Beam Tube	Corpew, Charles R.*
1971	1	31	sur	Display Patents	Hilborn, Edwin H.*
1971	2	49	prj	Large Screen Displays - A Major Industry? (Guest Editorial)	Chafaris, G.J. (guest editor)
1971	2	51	prj	A New Schlieren Light Valve for Television Projection	Van Raalte, John A.*
1971	2	57	prj	A Reflex Electro-Optic Light Valve TV Display	Pritchard, O.H.*
1971	2	72	prj	A Low Voltage Multiple Wavelength Electro-Optic Modulator	Schlafer, John*; Fowler, Vernon J.
1971	2	77	prj	An Improved Laser Color System Using Acousto-Optic Interaction	Hrbek, G.*; Lekavich, J.; Watson, W.
1971	2	97	prj	Flexible Photochromics	La Forgia*, Salvatore F.
1971	2	92	x	Display Patents	Hilborn, Edwin H.*
1971	3	113	del	CRT Deflection System with Pincushion-Correction Improved Digital-to-Analog Converter	Kippenhan, B.*; William; Lamourex, William R.
1971	3	126	prn	A High Speed Microfilm Printer for Chinese characters	Mita, Y.*; Shutoh, M.; Mioriwaki, M.; Furukawa, S.
1971	3	131	dsy	Visual displays Using Pseudo-Random Dot Scan	Deutsch, S.*
1971	4	173	crt	A Display System Using the Alphechon Storage Tube	Marlowe, F.*; Wendt, F.; Wine, C.
1971	4	180	el	Electroluminescent Display Matrix with Ovonic Threshold Switch Isolation	VanLandigham, Kenneth E.*
1971	4	192	dsy	An Improved Method of Character Generation and Display	Roberge, James K.*; King Jr., P. Allen

1971	4	199	prn	A Facsimile Printer Utilizing and Array of Liquid Crystal Cells	Tults, Juri *
1972	1	2	pl	The Primed Gas Discharge Cell - A Cost and Capability Improvement for Gas Discharge Matrix Displays	Holtz, George E.*
1972	1	6	pl	Low Cost Drivers for Capacitivley Couple Gas Plasma Display Panels	Dick, G.W.*
1972	1	14	pl	Phosphor Color in Gas Discharge Panel Displays	Forman, Jan *
1972	1	21	pl	A Multiple Intensity Plasma Display with Internal Memory	Ngo, D.Tuan *
1972	1	26	pl	A Time Shared Plasma Line Display	Coleman, W.E.*; Gaur, J.P.; Hoskinson, J.J.; Janning, J.L.; Smith, R.C.
1972	1	43	pl	D.C. Gas Discharge Display Panels	van Houten, S.*; Jackson, R.M.; Weston, G.F.
1972	1	52	pl	A Multicolor Gas-Discharge Display Panel	Brown, Felix H.*; Zayac, M. Tamm
1972	1	56	pl	A Quarter-Million-Element AC Plasma Display with Memory	Johnson, W.E.*; Sohmersal, L.J.
1972	1	61	pl	Design of a Plasma Display Panel	Nakayama, Norihiko*; Andoh, Shizuo
1972	1	67	sur	Display Patents	Hilborn, Edwin H.*
1972	2	93	lc	Introduction to the Special SID Issue on Liquid Crystal Technology	Holz, George E.*
1972	2	95	lc	Liquid Crystal Display Phenomena	Soref, R.A.*
1972	2	105	lc	Cholesteric Liquid Crystal Texture Change Display	Dir, Gary A.*; Wysocki, J.J.; Becker, J.H.; Adams, J.E.; Haas, W.E.; Leader, L.B.; Mechlowitz, B.; Saeva, E.D.
1972	2	114	lc	Cholesteric-Nematic Phase Transition Displays	Wysocki, J.J.*; Becker, Dir, G.A.; Madrid, R.; J.H.; Adams, J.E.; Haas, W.E.; Leder, L.B.; Mechlowitz, B.; Saeva, E.D.
1972	2	121	lc	Angular Distribution of Light Scattering from Electric-Field Driven Nematic Liquid Crystals	Goodman, Lawrence *
1972	3	141	dsy	Workshop on Display Terminals and Wired Cities; Summary (sponsored by SID, National Bureau of Standards, National Cable TV Assoc., Communication Techn. Group, IEEE)	no author
1972	3	143	dsy	Requirements and Application	Istvan, E.J.*
1972	3	147	gr	Display Terminal Status	Machover, C.*
1972	3	152	gr	Role of Standards	Harrison, Jr, J.O.*
1972	3	154	gr	AASCII Code Application	Little, J.L.*
1972	3	160	gr	Summary Charts of Hardware & Software	no author
1972	3	163	sur	An Annotated Bibliography on Cable Television	no author
1972	3	165	gr	List of Publications in Federal Information Processing Standards Publication Series	no author
1972	4	181	x	Introduction to the Special SID Issue on New Display Techniques	Ruehrwein, R.A.*
1972	4	182	led	A Scanned Light Emitting Diode Display	Nettle, Victor*; Gregory, Robert
1972	4	182	dsy	An Eleven-Switch Decimal-to-Seven-Segment Decoder	Rosenzweig, W.*
1972	4	188	dsy	Reversible High Speed High Resolution Imaging in Amorphous Semiconductors	Ovshinsky, S.R.*; Klose, P.H.
1972	4	193	crt	Modulation Transfer Function of Electrical Output Cathode Ray Charge Storage Tubes	Doyle, R.J.*; Heiman, F.P.; Kerman, M.
1973	1	1	x	Introduction on the First USA-Japan Computer Conference	Lechner, B.J.*
1973	1	3	pr	Clear-View Angelfish Bubble-Domain Display and Printing Devices	Hayashi, Nobou*; Chang, Hsu
1973	1	11	pr	The University of Michigan Plot Description System and Post-Processing Facilities	Fronczak, Edward J.*
1973	1	18	app	Computer-Aided Mapping Technology for Geographic Data Base	Min, P. June*
1973	1	26	dsy	Computer Techniques for Pseudocolor Image Enhancement	Lamar, Jeannine V.*; Stratton, R.H.; Simac, J.J.
1973	1	30	gr	A Graphic System with Halftone and Area Coloring Capability	Kawai, Satoru*; Goto, Eiichi; Sassa, Masataka; Itano, Kozo; Ida, Tesuo; Yasumura, Michiaki
1973	1	34	pl	Plasma Display - New Interactive Display Terminal	Miwa, H.*; Uozumi, T.; Nakayama, N.; Umeda, S.; Furuta, H.; Hayashi, H.

1973	1	39	crt	Correction to-Modulation Transfer Function of Electrical Output Cathode Ray Charge Storage Tubes	Doyle, R.J.*; Heiman, F.P.; Kerman, M
1973	2	41	x	Introduction to the Special SID Issue on Display Hardware/Software Interaction	Smith, Yale (guest editor)
1973	2	42	apv	Experiences with an Augmented Human Intellect System: Computer Mediated Communication	Bair, James H.*
1973	2	42	dsy	An Improved Light Gun tracking Algorithm Based on a Recursive Digital Filter	Kesselman, Murray *
1973	2	62	gr	CRT Terminal Access from High-Level Languages	Gwynn, John W.*
1973	2	67	gr	ASCII Code Applications to Alphanumeric Display Terminals	Little, John L.*
1973	2	73	gr	APL Graphics and the User Interface	Goolsbey, Raymond A.*
1973	2	76	sur	A Bibliography of Display Technologies	Agajanian, A.H.*
1973	3	81	led	Filter Considerations for Light Emitting Diode Displays	Ralston, J.M.*
1973	3	87	av	The Determination of Relative Critical Flicker Frequencies of Raster-Scanned CRT Displays by Analysis of Phosphor Persistence Characteristics	Krupka, D.C.*; Fukui, H.
1973	3	94	dsy	Stereomatrix, an Interactive Three Dimensional Display	Kubitz, W.J.*; Poppelbaum, W.J.
1973	3	99	dsy	Three Dimensional Computer Display	Cordell, S.*
1973	3	102	dsy	Conversational Programming System for Analytical Geometry	Raymond, J.*
1973	4	109	x	Introduction to the Special Issue on Liquid Crystal Displays	Goodman, L.A. (guest editor)
1973	4	110	lc	Field-Effect Liquid Crystal Displays with Interdigital Electrodes	Shimojo, T.*
1973	4	115	lc	Multicolor Field-Effect Display Devices with Twisted Nematic Liquid Crystals	Kobayashi, S.*; Takeuchi, F.
1973	4	121	lc	Liquid Crystal Memory Panel	Haas, W.*; Adams, James E.; Dir, Gary A.; Mitchell, Jr., Charles W.
1973	4	127	lc	Liquid Crystal Matrix Display for Video Applications	Lipton, L.T.*; Koda, N.J.
1973	4	131	pl	Corrections to Plasma Display - New Interactive Display Terminal	Miwa, H.*; Uozumi, T.; Nakayama, N.; Umeda, S.; Furuta, H.; Hayashi, H.
1973	4	132	dsy	Corrections to Conversational Programming system for Analytical Geometry	Raymond, Jacques*
1974	1	2	gr	The Technology and Characteristics of Computer Driven, Interactive, Graphic Display Systems	Sherr, Sol*
1974	1	17	gr	Computer Graphic Terminals - a Backward Look	Machover, Carl*
1974	1	24	gr	Computer Graphics - the Present	Dunn, R.M.*
1974	1	33	gr	Solid State Vertical Scale Instruments	Skovholt, Richard L.*
1974	2	41	apv	Legibility Research	Shurtleff, Don *
1974	2	53	apv	Visual Capacity	Cohen, R.W.*; Gorog, I.
1974	2	63	sur	Display Devices: a Perspective on Status and Availability	Reingold, I.*
1974	2	74	pl	A Plasma-Panel Interactive Graphic System	Fulton, D.L.*
1974	3	81	opt	Introduction to Special Issue on Optical Computing	Casasent, D.*
1974	3	82	opt	Invited Article: Optical Computing	Stroke, G.W.*
1974	3	105	opt	Optical Computing of Coded Aperture Images	Caulfield, H.J.*
1974	3	112	opt	Optical Computing in Synthetic aperture Radar	Kock, W.E.*
1974	3	119	opt	Techniques of Holographic Interferometry	Champagne, E.B.*
1974	3	131	opt	Electronically Addressed Light Modulators for Coherent Optical Computing	Casasent, D.*
1974	4	141	crt	History and Development of the Color Picture Tube	Herold, Edward W.*
1974	4	150	led	The Performance in Illuminances Up to 80,000 LUX of a Light Emitting Diode Display Having a 3mm Character Height	Ellis, B.*; Burrell, G.J.; Wharf, J. H.; Hawkings, T.D.F.; Peters, D.V
1974	4	161	pl	Using Ordered Dither to Display Continuous Tone Picture on an AC Plasma Panel	Judice, C.N.*; Jarvis, J.F.; Ninke, W.H.
1974	4	170	pl	A Bibliography on Plasma Display Panel	Agajanian, A.H.*
1974	4	175	gr	Comments on "The Technology and Characteristics of Computer-Driven Interactive, Graphic Display Systems"	Sleep, Ralph E.*; Sherr, Sol

1975	1	1	ip	Low Cost Interactive Image Processing	Johnston, Emily G.*; Rosenfeld, Azriel
1975	1	8	led	The Relative Merits of LEDs and LCDs	Goodman, L.A.*
1975	1	20	el	Some Aspects of Cathodoluminescent Phosphors and Screens	Larach, Simon *; Hardy, Austin E.
1975	1	31	dsy	Army Tactical Display System	Cannon, Berry A.*
1975	2	41	dsy	Frame Time Analysis of the Performance of Refreshed Matrix-Addressed Displays	Alt, P.M.*; Pleshko, P.
1975	2	54	pl	Experimental Storage Display Panels Using DC Gas Discharges Without Resistors	Smith, J.*
1975	2	62	pl	An Experimental Real-Time Color-TV Display with a DC Gas-Discharge Panel	Ohishi, I.*; Kojima, T.; Ikeda, H.; Toyonaga, R.; Murakame, H.; Koike, J.; Tajima, T.
1975	2	69	pl	A Flat Gas-Discharge Panel TV with Good Color Saturation	Fukushima, M.*; Murayama, S.; Kaji, T.; Mikoshiba, S.
1975	2	75	pl	Independent Subsection Shift and a New Simplified Write Technique for Self-Shift AC Plasma Panels	Weikart, G.S.*
1975	2	81	pl	Discharge-Logic Drive System	Schermerhorn, J.D.*; Miller, J.W.V.
1975	2	85	pl	LSI-Direct-Controlled Plasma Display Panel	Sato, N.*; Iwakawa, T.; Akanuma, M.; Yano, A.
1975	2	88	pl	Dynamic Keep-Alive to Improve Plasma-Panel Write and Sustain Margins	Ngo, T.D.T.*
1975	2	93	pl	Luminous Efficiency of a Digivue Display Memory Panel	Crisp, M.D.F148*; Hinson, D.C.; Bennett, R.A.; Siegel, J.I.
1975	2	97	pl	Surface Aging Mechanisms of AC Plasma Display Panels	Byrum, Jr., B.W.*
1975	2	103	led	Recent Advances in Visible LEDs	Bhargava, R.N.*
1975	2	113	led	Multijunction AC or DC Integrated GaP Light Emitting Diode Array	Spitzer, S.M.*; Schumaker, N.E.; Koszi, L.A.; North, J.C.
1975	2	119	led	Microcharacterization of Electroluminescent Diodes with Scanning Electron Microscope	Balk, L.J.*; Kubalek, E.; Menzel, E.
1975	3	131	led	Promotion of Radiative Recombination in GaAs <sub>1-x</sub> P <sub>x</sub> by N-Ion Implantation	Gonda, S.I.*; Makita, Y.; Maekawa, S.
1975	3	135	led	Liquid Phase Epitaxy of GaP by a Temperature Difference Method under Controlled Vapor Pressure	Nishizawa, J.I.*; Okuno, Y.
1975	3	140	led	Low-Voltage Blue Electroluminescence in GaN	Pankove, J.I.*
1975	3	144	dsy	A Design of Multiplexing Liquid-Crystal Display for Calculators	Nakada, K.*; Ishibashi, T.; Toriyama, K.
1975	3	149	lc	Observations of a Bistable Twisted Nematic Liquid-Crystal Effect	Bigelow, J.E.*; Kashnow, R.A.
1975	3	152	amd	Thin Film Transistor Switching Matrix for Flat Panel Displays	Kramer, G.*
1975	3	158	el	A 6x6-in 20-lpi Electroluminescent Display	Brody, T.P.*; Luo, F. C.; Szepesi, Z.P.; Davies, D.H.
1975	3	168	nlc	Performance Characteristics of Electrochromic Displays	Chang, I.F.*; Howard, W.E.
1975	3	177	nlc	A Magnetic-Particles Display	L.L. Lee*
1975	3	194	prj	A Mirror-Matrix Tube: a Novel Light Valve for Projection Displays	Grinberg, J.*; Bleha, W.P.; Jacobson, A.D.; Lackner, A.M.; Myer, G.D.; Miller, L.J.; Margerum, J.D.; Fraas, L.M.
1975		203	dsy	Three-Dimensional Color Display by Projection-Type Composite Holography	Tsunoda, Y*.; Takeda, Y.
1975	3	207	crt	Cathodochromic CRT Employing Faceplate-Deposited Sodalite and Electron Beam Erase	Todd Jr., L.T.*; Linz, A.; Farrell, E.F.
1975	3	212	crt	Modulation Transfer Function of Very High Resolution Miniature Cathode Ray Tubes	Bedell, R.J.*
1975	4	223	dsy	Sizing of Dynamic Display Parameters	Katz, Edward H.*
1975	4	227	crt	Bistable Storage Tube with AC Voltage Controlled Display Element	Chang, I.F.*; Pennebaker, W.B.
1975	4	234	crt	The Chroma-Filter Color Tube, a High Contrast Negative Guard Band Tube Using Selective Color Filters	Kaplan, Sam H.*; Lange, Howard
1975	4	238	apv	A Review of Peripheral Vision Capabilities for Display Layout Designers	Haines, Richard F.*
1975	4	250	apv	The Format and Colour of Small Matrix Displays for Use in High Ambient Illumination	Ellis, B.*; Burrell, G.J.; Wharf, J.H.; Hawkins, T.D.F.
1975	4	259	sur	Standards and Definitions Committee Report	Sherr, Sol *

1976	1	1	x	Introduction to the Special Issue on Flat-Panel and Large-Screen Displays	Markin, Joseph (guest editor)
1976	1	2	lc	Some Factors Affecting the Development of Flat-Panel Video Displays	Marking, Joseph *
1976	1	3	prj	Projection Television	Good, William E.*
1976	1	8	amd	Matrix TV Displays: Systems and Circuit Problems	van Raalte, John A.*
1976	1	14	pl	Gas Discharge Displays for Flat-Panel	Chodil, Gerald *
1976	1	23	el	Electroluminescent Displays	Kazan, Ben *
1976	1	30	lc	Passive Liquid Displays: Liquid Crystals, Electrophoretics, and Electrochromics	Goodman, L.A.*
1976	1	56	amd	Large Scale Integration for Display Screens	Brody, T.P.*
1976	2	62	x	Introduction to Special Issue on Processing of Images for Bilevel Displays	Judice, Charles N. (guest editor)
1976	2	63	ip	Dot Spacing Modulation for the Production of Pseudo Grey Pictures	Hale, Jacques A.G.*
1976	2	75	ip	An Adaptive Algorithm for Spatial Greyscale	Floyd, Robert W.*; Steinber, Louis
1976	2	78	iip	Halftone Graphics on Computer Terminals with Storage Display Tubes	Gordon, Richard *; Silver, Lee; Rigel, Darrell S.
1976	2	85	ip	Transmission and Storage of Dither Coded Images Using 2-D Pattern Matching	Judice, C.N.*; White, A.B.; Johnson, R.L.
1976	2	92	ip	Data Reduction of Dither Coded Images Using 2-D Pattern Matching	Judice, C.N.*
1976	2	102	ip	On Statistical Coding of Two-Tone Image Ensembles	Frank, Amalie J.*; Groff, Robert H.
1976	2	111	ip	Visual Performance and Image Coding	Roetling, Paul G.*
1976	2	115	ip	Two- and Three Dimensional Ordered Dither in Bi-Level Picture Displays	Lippel, Bernard *
1976	3	124	pl	Low Voltage Circuits for Plasma Display Panel	Criscimagna, Tony N.*
1976	3	130	prn	The Evolution of the STARE Graphic Output Recorders	Ninke, William H.*; Rosenfeld, Peter E.
1976	3	138	opt	Magnifiers for Digital Displays	Jeung, Perry *; Uebbing, John
1976	3	147	dsy	Digital Scan Converters in Airborn Display Systems	Slocum, G.K.*; Mysing, J.O.
1976	4	160	prn	Aerosol Jet Printing	Pennebaker, William B.*
1976	4	169	pl	A Plasma Charge Transfer Device - A Plasma Display Incorporating Address and Memory Within the Panel	Coleman, W.E.*; Craycraft, D.G.
1976	4	176	pl	Coupled-Matrix, Threshold-Logic AC Plasma Display Panel	Criscimagna, T.N.*; Beidl, J.R.; Steinmetz, M.; Hevesi, J.
1976	4	180	apv	Legibility of LED and Liquid-Crystal Displays	Duncan, Jerry *; Konz, Stephan
1977	1	7	dsy	A Constructive Philosophy on Display Research	Hilsum, Cyril *
1977	1	11	lc	Topography on Obliquely Evaporated Silicon Oxide Films and Its Effect on Liquid-Crystal Orientation	Goodman, Lawrence A.*; McGinn, J.T.; Anderson, Charles H.; DeGeronimo, Frank
1977	1	21	lc	Low-Tilt-Angle Nematic Alignment Compatible with Frit Sealing	Johnson, Milo R.*; Penz, Andrew
1977	1	23	lc	Liquid-Crystal Cells with Special Electrodes for the Generation of Uniform Colors by Optical Birefringence	Chabicovsky, Rupert *; Kocmann, Gerhard
1977	1	27	lc	Control and Elimination of Disinclination in Twisted Nematic Liquid-Crystal Displays	Miyaji, Akira *; Yam+F191aguchi, Morie; Toda, Arika; Mada, Hitoshi; Kobayashi, Shunsuke
1977	1	32	lc	Optimum Polarizer Combinations for Twisted Nematic Displays	Scheffer, T.J.*; Nehring, J.
1977	1	39	lc	Criteria for Evaluating Pleochroic Dye Liquid-Crystal Displays	Bloom, Allen *; Priestley, E.B.
1977	1	43	nlc	Electrophoretic Display Technology	Dalisa, Andrew L.*
1977	1	51	pl	Gas Discharge Displays	Sobel, Alan *
1977	1	64	pl	The Voltage Transfer Curve and Stability Criteria in the Theory of the AC Plasma Display	Slottow, H. Gene *
1977	1	69	pl	Origin of the Bistable Voltage Margin in the AC Plasma Display Panel	Sahni, O.*; Lanza, C
1977	1	75	pl	Measurement of a Plasma in the AC Plasma Display Panel Using RF Capacitance and Microwave Techniques	Weber, Larry F.*
1977	1	86	pl	Charge Spreading and its Effect on AC Plasma Panel Operating Margins	Ngo, Peter Dinh-Tuan *

1977	1	89	dsy+	Nondestructive Graphic Cursors and Light-Pen Tracking on AC Gas-Discharge Display Panels	Schlig, Eugene S.*; Stilwell, Jr, George R.
1977	1	94	pl	High Speed Low-Cost Selection Circuitry for Large-Plasma Displays	Strom, Richard A.*
1977	1	100	pl	Lamp Phosphors and Color Gamut in Positive-Column Gas-discharge Cells for TV Displays	Kaufman, R. Gilbert *
1977	1	107	led	Large-High-Density Monolithic XY-Addressable Arrays for Flat-Panel LED Displays	Frescura, Bert *; Luechinger, Herman; Bittman, Charles A.
1977	1	114	del	Thin-Film Video Scanner and Driver Circuit for Solid-State Flat-Panel Displays`	Greeneich, Edwin W.*
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1977	2	119	el	The Importance of Insulator Properties in a Thin-Film Electroluminescent Device	Howard, Webster E.*
1977	2	125	el	High Display Viewability Provided by Thin-film EI, Black Layer, and TFT Drive	Fugate, K.O.*
1977	2	134	prj	Projection Systems for Light Valve	Dewey, Anthony G.*
1977	2	146	prj	TV Projection Display Using an Amorphous-Se-Type Ruticon Light Valve	Lakatos, Andras I.*; Bergen, Richard F.
1977	2	151	led	Recent Developments in Light-Emitting Diode Technology	Craford, M. George *
1977	2	160	led	Green LED's fabricated by Zinc Diffusion into Bulk GaP Grown by the SSD Method	Gillesen, Klaus *; Marshall, Albert J. Marshall; Heinz-Schuller, Karl; Gramann, Wolfgang
1977	2	162	led	An Improved Liquid Phase Epitaxial Growth Method for Mass Production of GaP Green LED's	Niina, Tatsuhiko *; Yamaguchi, Takao
1977	2	167	led	High-Efficiency GaP Green LED's by Zinc Diffusion into an n-LPE Layer	Beppu, Tatsuro *; Iwamoto, Masami; Naito, Makoto; Kasami, Akinobu
1977	2	172	led	Preparation and Characterization of Low-Resistivity ZnS for Blue LED's	Oda, Shunri *; Kukimoto, Hiroshi
1977	2	177	led	Nature and Origin of Dark Defects in GaAs LED's	Kazumura; Masaru *; Fujiwara, Shohei; Iwasa, Hitoo; Teramoto, Tetsuro
1977	2	181	led	Efficiency Degradation and Deep-Level Change in GaP Red LED's	Okumura, Tsugunori *; Ikoma, Toshiaki
1977	2	186	led	Degradation of Bulk Electroluminescent Efficiency in Zn, O-Doped GaP LED's	Ralston, James M.*; Larmior, Orval G.
1977	2	189	led	Double Correlation Technique (DDLTS) for the Analysis of Deep Level Profiles in GaAs and GaAs <sub>0.6</sub> P <sub>0.4</sub>	Lefevre, Helmut *; Shulz, Max
1977	2	195	led	A GaP Monolithic Numeric Display with Internal Reflection Facets	Inoue, Morio *; Yamanaka, Haruyoshi; Uragaki, Tamotsu; Teramoto, Iwao
1977	2	198	led	An LED Numeric Display for the Aircraft Cockpit	Tyte, Roger N.*; Wharf, John H.; Ellis, Brian; Knibb, Terence F.; O'Rourke, Richard G.; Gibb, Robert M.
1977	2	202	led	A New LED Structure with a Self-Aligned Sphere Lens for Efficient Coupling to Optical Fibers	Horiuchi, Shigeki *; Ikeda, Kenji; Tanaka, Toshio; Susaki, Wataru
1977	2	206	led	High-Efficiency Long-Lived GaAlAs LED's for Fiber Optic Communications	Abe, Misayuki *; Umebu, Itsuo; Hasegawa, Osamu; Yamakoshi, Shigenobu; Yamaoka, Toyoshi; Kotani, Tsuyoshi; Okada, Hisanao; Takanashi, Hirobumi
1977	2	211	led	Top and Side Emission from Double Heterostructure LED's and Lasers	Dyment, John C.*; Kapron, Felix P.; Springthorpe, Anthony J.
1977	2	217	led	Design Parameters of Frequency response of GaAs -- (Ga,Al)As Double Heterostructure LED's for Optical Communications	Ikeda, Kenji *; Horiuchi, Shigeki; Tanaka, Toshio; Susaki, Wataru
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1977	3&4	233	x	Introduction to the Special Issue on Electrophoretic and Other Particle Type Displays	Vance, Dennis W.*
1977	3&4	235	n/c	Gravitational, Inter-Particle and Particle-Electrode Forces in the Electrophoretic Display	Lewis, J.D.*; Garner, G.M.; Blunt, R.T.; Carter, C.F.
1977	3&4	243	n/c	Developments in Electrophoretic Displays	Ota, Isao *; Tsukamoto, Masahide; Ohtsuka, Tetsuro
1977	3&4	255	n/c	An X-Y Addressable Electrophoretic Display	Dalisa, A.L.*; Singer, B.
1977	3&4	267	n/c	Optical Characteristics of Electrophoretic Displays	Vance, Dennis W.*
1977	3&4	275	n/c	Conduction Mechanism of Charge Control Agents Used in Electrophoretic Display Devices	Chiang, Anne *
1977	3&4	283	n/c	Fabrication of Magnetic Particles displays	Lee, Lawrence L.*
1977	3&4	289	n/c	The Gyrocon - a Twisting Ball Display	Sheridon, N. K.*; Berkovitz, M.A.



1978	1	1	prj	Laser-Addressed Liquid Crystal Projection Displays	Dewey, Anthony G.*; Jacobs, John T.; Huth, Bernard
1978	1	9	crt	Traveling Wave Deflectors for High-Speed Electron Beam Modulation	Silzars, Aris *
1978	1	17	crt	Mesh PDA Lenses in Cathode-Ray Tubes	Hawes, James D.*; Nelson, Gary
1978	1	23	prn	Thermal Printer with Newly Developed Thin-Film Printing Head	Nakaya, Shigehisa *; Watanabe, Akinori; Katsuta, Masahiro
1978	2	35	nlc	Application of PVF2 Bimorph Cantilever Elements to Display Devices	Toda, M.*; Osaka, S.
1978	2	43	lc	Viewing Characteristics of the Twisted Nematic Display	Penz, P. Andrew*
1978	2	49	lc	Liquid Crystal Television Display	Kaneko, Eiji *; Kawakami, Hideaki; Hanmura, Hisao
1978	2	63	lc	Alphanumeric and Video Performance of a 6"x6" 30 Lines per Inch Thin Film Transistor-Liquid-Crystal Display Panel	Luo, F.C.*; Hester, W.A.; Brody, T.P.
1978	2	69	dsy	Stereoscopic Computer Graphics using PLZT Electro-Optic Ceramics	Roese, John A.*; McCleary, Lawrence E.
1978	2	75	del	Single-Chip Controller for Raster-Scan CRT Displays	Kuboki, S.*; Hamada, N.; Iwamura, M.; Yamada, S.; Kawamoto, K.; Hatsukano, Y.
1978	3	85	pl	A Multirow Drive Scheme for Self-Shift Plasma Display Panels	Murase, Kenji *; Ishizaki, Hiroyuki; Yamaguchi, Hisashi; Kawada, Toyoshi; Kashiwara, Hirofumi
1978	3	91	el	Low Voltage D.C. Electroluminescence in ZnS:(Mu,Cu) Thin Films	Abdalla, M.I.*; Thomas, J.A.
1978	3	97	el	High-Resolution Thin Film EL Matrix Display	Ketchpel, R.D.*; Santha, I.S.; Hale, L.G.; Lim, T.C.
1978	3	105	crt	Resolution Model for CRT Based Person/Machine Interface	Geise, David M.*; Lubart, Neil D.; Chang, Ifay F.
1978	3	113	apv	A Comparison of Several Television Display Image Quality Measures	Task, H.L.*; Pinkus, A.R.; Hornseth, J.P.
1978	3	121	apv	Hyper-Resolution in Human Perception of Movement in Visual Displays	Tyler, Christopher W.*
1978	3	127	apv	Bilevel Image Displays - and New Approach	Pryor, R.W.*; Cinque, G.M.; Rubinstein, A.
1978	4	139	x	Introduction - Displays and Controls for Military Aircraft	Osborne, Barley P.*
1978	4	141	dsy	Integrated System Efforts, Ongoing and Planned Efforts - Air Force Aircraft	Mysing, J.*; Resing, J.; Bateman, R.
1978	4	153	dsy	Integrated System Efforts, Ongoing and Planned Efforts - Naval Aircraft	Casaro, J.*
1978	4	155	dsy	Integrated System Efforts, Ongoing and Planned Efforts - Army Aircraft	Mulley, W.G.*
1978	4	157	gr	A Graphic system for Real-Time Programming	Michener, J.C.*
1978	4	163	dsy	A Somewhat Vignetted History of the Head-Up Display	Gard, J.*
1978	4	169	dsy	A Head-Up Display for the Future	Ernstoff, M.*
1978	4	181	dsy	The Helmet Mounted Display	Russo, L.*
1978	4	191	crt	CRT Improvements Planned and Ongoing	Seats, P.*
1978	4	193	sur	Flat Panel Displays in Perspective	Tannas, L.*
1978	5	189	lc	Recent Advances in Liquid-Crystal Materials and Display Devices	Raynes, E.P.*
1978	5	197	lc	Varistor-Controlled Liquid-Crystal Displays	Castleberry, D.E.*
1978	5	203	lc	TV Image with Liquid-Crystal Display	Robert, J.*
1978	5	209	lc	A Radical Format LCD/Semiconductor System for Analog Watch Applications	Gruebel, R.L.*; Marks, B.W.; Noble, R.T.; Penz, P.A.; Surtani, K.H.
1978	5	213	nlc	Anodic Iridium Oxide Films: a New Electrochromic	Shay, J.L.*; Beni, G
1978	5	219	nlc	Photoferroelectric Image Storage in Antiferroelectric-Phase PLZT Ceramics	Land, C.E.*
1978	5	225	pl	A Real-Time Curve Tracer for the AC Plasma Display Panel	Wever, L.F.*; Weikart, G.S.
1978	5	233	pl	A Planar Single-Substrate AC Plasma Display with Capacitive Vias	Dick, G.W.*; Biazzo, M.R.
1978	5	239	led	A High-Brightness GaP Green LED Flat-Panel Device for Character and TV Display	Niina, T.*; Kuroda, S.; Yoney, H.; Takesada, H.



1978	5	245	nlc	Electrolytic Display (Correspondence)	Duchene, J.*; Meyer, R.; Delapierre
1979	1	1	x	Introduction to Special Issue on the Application of Color Displays	Hanson, Donald C.*
1979	1	3	apv	Color and Visual Information Coding	Teichner, Warren H.*
1979	1	10	apv	Design Principles for the Use of Color in Displays	Krebs, M.J.*; Wolf, J.D.
1979	1	16	dsy	The Application of Color to ASW Tactical Displays	Oda, D.J.*; Barker, B.W.
1979	1	29	dsy	Color CRT Applications in a High Performance Military Aircraft	Dowd, Chuck *
1979	1	33	dsy	The Use of Color in Wide-Angle Displays	Kinney, Jo Ann S.*
1979	2	43	crt	Introduction - Cathode-Ray Tubes for Industrial and Military Applications	Silzars, Aris *; Curtin, Chris
1979	2	45	crt	Beam Index Tube Technology	Schwartz, James W.*
1979	2	55	crt	A New High-Speed CRT	Janko, Bozzidar
1979	2	61	crt	A Projection Storage CRT	Haley, James F.*; Carnahan, Paul E.; Balint, Francis A.; Pallas, Edwin
1979	2	65	crt	Third Order Distortion of Axisymmetric Electrostatic Post Deflection Lenses	Lenz, F.*
1979	2	71	crt	An EBS Tube for High-Speed A/D Conversion	Hayes, Raymond *; Balsiger, Melvin
1979	2	81	crt	CRT Considerations for Raster Dot Alphanumeric Presentations	Oess, Frederick G.*
1979	2	89	crt	Optimizing CRTs for Display Applications	Christiansen, Frank *; Patil, Hanuman
1979	2	95	crt	Multicolor and Multipersistence Penetration Screens (Multifunction Screens)	Galves, J.P.*
1979	2	105	crt	High-Resolution CRTs and Their application to Helmet-Mounted Displays	Woodcock, S.*; Leyland, J.D.
1979	2	111	crt	Development of a High-Brightness CRT for Airborne Applications	Freeman, Jerry *
1979	2	119	dme	Pitfalls in Measuring Performance Parameters of High-Brightness Raster Displays	Brown, Alan J.*
1979	3	125	x	Introduction - Special Issue on Plasma Displays	Pleshko, P. (guest editor)
1979	3	127	pl	AC Plasma Display Technology Overview	Pleshko, P. *
1979	3	131	dsy	An Experimental Visual Communication Terminal	Sosnowski, T.P.*; Brainard, R.C.
1979	3	139	pl	The Design of a Versatile Gas Panel System	Kleen, B.G.*; Lamoureux, W.R.; Pearson, K.A.
1979	3	147	pl	A High-Resolution Shift Panel	Beidl, J.R.*; Campagna, F.C.; Criscimagna, T.N.
1979	3	153	pl	Sixteen-Inch Gas-Discharge Display Panel with 2-lines-at-a-time Driving	Kojima, T.; Toyonaga, R.; Sakai, T.; Tajima, T.; Sega, S.; Kuriyama, T; Koike, J.; Murakami, H.
1979	4	161	x	Introduction: Special Issue on Displays in Eastern Europe	Hatvany, Jozsef (Guest Editor)
1979	4	163	gr	Interactive Computer Graphics for the SM EVM Series	Naumov, B.N.*; Filinov, Ye. N.; Fooks, V.I. (USSR)
1979	4	167	gr	The GD80 Graphic Display Family	Verevely, Paul* (Hungary)
1979	4	173	gr	Software for the GD80 Family of Graphics Displays	Gallai, Istvan *; Krammer, Gergely (Hungary)
1979	4	177	gr	The System DIGRA 73 and Its Applications	Kiesewetter, Gerr* (German Democrati Republic)
1979	4	181	app	Display Technology for the 1980 Moscow Olympics	Hosszu, Peter (Hungary)
1980	1	1	x	Foreword:Special Issue on Dot Matrix Displays	Snyder, Harry L. (guest editor)
1980	1	3	apv	On the Image Quality of Dot Matrix Displays	Snyder, Harry L.*; Maddox, Michael
1980	1	9	apv	An Iterative Technique of Selecting an Optical 5x7 Matrix Character Set for Display in Computer Output Systems	Suen, C.Y.*; Shiau, C.
1980	1	17	apv	The Effect of Active Area on the Legibility of Dot-Matrix Displays	Stein, Isidore H.*
1980	1	21	apv	Legibility of Light-Emitting Dot Array In High Illuminance	Tyte, R.N.*; Wharf, J.H.; Ellis, B.
1980	1	31	apv	Two Dimensional Spatial Frequency Content and Confusions Among Dot-Matrix Characters	Maddox, Michael E.*
1980	2	43	x	Foreword: Selected (and Related) Papers from the 1979 SID International symposium	Goede, Walt (guest editor)
1980	2	45	sur	Recent Advances in Display Tehnologies	Chang, I.F.*

1980	2	55	lc	Properties of a Display Device Using Depolarization in a Twisted Nematic Liquid Crystal Layer, "DTN-cell"	Uchida, T.*; Wada, M.
1980	2	63	lc	A Single-Polarizer Twisted Nematic Display	Kmetz, A.R.*
1980	2	67	lc	A Method for Constructing Very Large Light-Field Pleochroic Liquid-Crystal Displays	Berman, A.L.*; Kramer, G.
1980	2	71	lc	Storage-Type Liquid Crystal Matrix Display	Tani, C.*; Ogawa, F.; Naemura, S.; Ueno, T.; Saito, F.; Kogure, O.
1980	2	79	lc	An 80-Character Alphanumeric Liquid Crystal Display System for Computer Terminals	Odawara, K.*; Ishibashi, T.; Kinugawa, K.; Sakurada, H.; Tanaka, H.
1980	2	85	el	Thin-Film Transistor Switching of Thin-Film Electroluminescent Display Elements	Kun, Z.K.*; Luo, F.C.; Murphy, J
1980	2	93	pl	AC Plasma Display Device Technology: an Overview	Pleshko, P.*
1980	2	101	nlc	Transmissive Electrochromic Display Using a Porous Crystalline WO <sub>3</sub> Counter Electrode	Matsuhiro, K.*; Masuda, Y.
1980	2	107	vfd	A 240-Character Vacuum Fluorescent Display and Its Drive Circuitry	Kasano, K.*; Masuda, M.; Shimojo, T.; Kiyozumi, K.
1980	2	113	led	Multi-Mode Matrix (MMM) Flat-Panel LED Varactor-Graphic Concept Demonstrator Display	Burnette, K.T.*; Meinick, W
1980	2	127	led	Multi-Mode Matrix (MMM) Display Design and Measurement Criteria	Burnette, K.T.*
1980	2	143	led	Multi-Mode Matrix (MMM) Modular Flight Display Development	Burnette, K.T.*; Moffat, A.J.; Wareberg, P.G.
1980	2	157	del	Metal Elastomeric Display Connectors	Buchoff, L.S.*
1980	2	165	prn	High-Speed Thermal Recording	Saito, K.*; Nakano, K.; Murasugi, K.; Iwabuchi, T.
1980	2	171	prn	Gray-Scale Thermal Recording	Nakaya, S.*; Saito, K.; Nakano, K.
1980	2	177	prn	Analytical Design Method in Ink-Jet Printing	Takano, R.*
1980	2	181	prn	Optimizing the Printing Speed and Printout Quality of an Electrographic Laser-Beam Recorder	Wu, A.S.*
1980	2	185	prn	An Optimum Algorithm for Halftone Generation for Displays and Hard Copies	Holladay, T.M.*
1980	2	193	prn	Bimodal Display of Topographic Information	Bramley, J.*; Trelinskie, E.G.
1980	2	197	crt	Non-Glare Concave-Surface CRT	Miyazaki, E.
1980	3	201	x	Foreword: Special Issue on Recent Advances in Visual Information Processing	Cohen, Roger W.*; Carlson, Curtis R. (guest editors)
1980	3	209	apv	System Theory and Vision: a Review of Models and Applications	Quick, Jr., R.F.*
1980	3	219	apv	Specifying Relevant Spatial Information for Image Evaluation and Display Design: An Explanation of How We See Objects	Ginsburg, A.P.*
1980	3	229	apv	A Simple Psychophysical Model for Predicting the Visibility of Displayed Information	Carlson, C.R.*; Cohen, R.W.
1980	3	247	apv	Towards Limiting Perception Research and Image Quality	Roufs, J.A.J.*; Bouma, H
1980	3	271	apv	A Three-Stage Process for the Evaluation of Image Quality	Pearson, D.E.*
1980	3	279	apv'	Image Coding for Photoanalysis	Mitchell, O.R.*; Buss, S.C.; Delp, E.J.; Goedel, T.W.; Huang, T.S.
1980	3	293	apv	Image Noise Evaluation	Shaw, R.*
1981	1	1	x	Foreword - Selected Papers from the 1980 SID International Symposium, Vol. I	Maloney, Thomas (guest editor)
1981	1	3	crt	Color Picture Tube Design Trends	Morrell, A.M.*
1981	1	11	crt	CRT Cathode Temperature Control for High Current Densities	Dallos, A.*; Buckbee, J.A.; S+F355pencer, G.R.
1981	1	15	crt	Performance of Penetration Color CRTs in Single- and Dual-Anode Configurations	Spencer, G.R.*
1981	1	19	dsy	Office of the Future: Several Viewpoints	Chang, I.F.*; Grenias, F.C.; Pick, C.G.; Saltzer, B.A.; Strockbridge, C.
1981	1	23	dsy	Display system Using Reversible Heat-Sensitivie Material	Nakaya, S.*; Saito, K.; Kotani, S.; Abiko, I.; Araki, T.
1981	1	29	gr	Optimization Techniques for Drawing Computer Graphic Displays	Stocker, F.R.; Johnson, Jr., G.G.; McKinstry, H.A.

1981	1	41	lc	Bright Dichroic Guest-Host LCDs Without a Polarizer	Uchida, T.*; Seki, H.; Shishido, C.; Wada, M.
1981	1	17	el	Electroluminescent Display Technologies and Their Characteristics	Howard, W.E.*
1981	1	57	el	Practical Application Technologies of Thin-Film Electroluminescent Panels	Takeda, M.*; Kanatani, Y.; Kishishita, H.; Inoguchi, T.; Okano, K.
1981	1	63	sur	Visual Display Standards: a Review of Issues	Rupp, B.A.*
1981	2	79	x	Foreword - Special Issue on Computer Graphics	Machover, Carl (guest editor)
1981	2	81	crt	Cathode-Ray Tube Recording	Wurtz, J.E.*
1981	2	89	gr	Graphics Software - from Techniques to Principles	Hatfield, L.*; Herzog, B.
1981	2	103	gr	And Seeing Through Your Hand	Lippman, A.*
1981	2	109	gr	Media Room	Negroponte, N.*
1981	2	115	gr	An Innovative Computer-Graphics Computed-Aided Design System	Potts, J.*; Wilterding, M.A.
1981	2	123	gr	Future Directions in Computer Graphics	Machover, C.*
1981	3	127	x	Foreword - Selected (and related) Papers from the 1980 SID International Symposium Vol. II	Maloney, Thomas (guest editor)
1981	3	129	dma	Notes on the Relationship Between Number of Defects, Defect Separation, and Probability of Rejection for Defect Separation in Rectangular and Circular Display Quality Areas	Oess, F.G.*
1981	3	139	gr	A Universal Graphics Algorithm and Its Realization	De Roo, J.*; Van Daele, J.; Oosterlinck, A.; Van dan Berghe, H.
1981	3	145	ip	A Real-Time and Interactive Image Processing Display Terminal	Van Daele, J.*; De Roo, J.; Oosterlinck, A.; Van dan Berghe, H.
1981	3	153	ip	Real-Time Spatial Filtering and Correction of Video Imagery	Frei, W.*; Dahlberg, R.
1981	3	159	pl	An Improved Performance Self-ScanX I Panel Design	Miller, D.*; Ogle, J.; Cola, R.; Caras, B.; Maloney, T.
1981	3	165	prn	Hadcopy Techniques in Western Europe	Rothgardt, U.*
1981	3	173	nlc	An Electrophoretic Bar Graph Display (related)	White, R.*
1981	3	181	led	LED Displays with Reduced Numbers of External Connections (related)	Gillessen, K.*; Malinowski, C.; Marshall, A.J.; Schairer, W.
1981	3	185	dsy	Display of Dithered Images (related)	Netravali, A.N.*; Bowen, F.G.
1981	3	191	lc	Disclination-Free Bistable Twist Cells (related)	Berreman, D.W.*; Heffner, W.R.
1981	4	197	x	Foreword: Selected Papers from the 1980 Biennial Research Display Conference	Kmetz, A.R. ; P. Pleshko (guest editors)
1981	4	199	pl	Basic Kinetic Processes in Neon Gas Discharge Displays	Nigham, W.L.*
1981	4	204	pl	Write and Erase Waveforms for High-Resolution AC Plasma Display Panels	Criscimagna, T.N.*; Beidl, J.R.; Trushell, J.B.
1981	4	212	pl	The Pressure Dependence of the Bistable Voltage Margin in an AC Plasma Panel Cell	Sahni, O.*; Aboelfotoh, M.O.
1981	4	219	pl	Aging Characteristics of AC Plasma Display Panels	Aboelfotoh, M.O.*; Sahni, O.
1981	4	228	pl	AC Plasma Display Aging Model and Lifetime Calculations	Pleshko, P.*
1981	4	299	pl	Charge Transport in an AC Plasma Panel	Ngo, P.D.T.*
1981	4	240	pl	Electron Transport Self-Shift Display Using an AC Plasma Panel	Ngo, P.D.T.*; Maliszewski, S.R.
1981	4	247	pl	Device Characteristics of the Plasma Charge transfer Shift Delay	Coleman, W.E.; Hall, S.W.
1981	4	254	el	An Investigation of the Electrical and Optical Properties of DC Electroluminescent ZnS:Mn, Cu-Powder Panels	Alder, C.J.*; Cattell, A.F.; Dexter, K.F.; Dixon, M.; Kirton, J.; Skolnick, M.S.
1981	4	263	el	Electrical Conduction and Degradation Mechanisms in Powder ZnS:Mn, Cu Direct Current Electroluminescent Devices	Abdalla, M.I.*; Godin, A.; Brenao, A.; Noblanc, J-P.
1981	4	268	el	Performance of DC EL Coevaporated ZnS:Mn, Cu Low Voltage Devices	Abdalla, M.I.*; Thomas, J.; Brenao, A.; Noblanc, J-P.
1981	4	272	el	Low-Threshold-Voltage Thin-Film Electroluminescent Devices	Okamoto, K.*; Nasu, Y.; Hamakawa, Y.
1981	4	277	el	Studies of Temperature Effects in AC Thin-Film EL Devices	Yang, K.W.*; Owen, S.J.T.; Smith, D.H.

1981	4	282	el	Device Characterization of an Electron-Beam-Switched Thin-Film ZnS:Mn Electroluminescent Faceplate	Sahni, O.*; Alt, P.M.; Dove, D.B.; Howard, W.E.; McClure, D.J.
1981	4	293	lc	A Multiplexed Phase-Change-Type LCDd	Suzuki, K.*; Ishibashi, T.; Satoh, M.; Isogai, T.
1981	4	297	lc	Optical-Bounce Removal and Turnoff-Time Dreduction in Twisted-Nematic Displays	Hubbard, R.I.*; Bos, P.J.
1981	4	300	nlc	Optical Properties of Eletrophoretic Displays	Fitzheery-Ritz, B.*
1981	4	310	amd	The Optimization of Metal-Insulator-Metal Nonlinear Devices for Use in Multiplexed Liquid Crystal Displays	Baraff, D.R.*; Long, J.R.; MacLaurin, B.K.; Miner, C.J.; Streater, R.W.
1981	4	314	amd	A Thin-Film Transistor for Flat Panel Displays	Luo, F.C.*; Chen, I.; Genovese, F.C.
1981	4	318	amd	A Liquid Crystal Display Panel Using an MOS Array with Gate-Bus Drivers	Kasahara, K.*; Yanagisawa, T.; Sakai, K.; Adachi, T.; Inoue, K.; Tsutsumi, T.; Hori, H.
1981	4	323	amd	Flat VFD TV Display Incorporating MOSFET Switching Array	Uemura, S.*; Kiyozumi, D.
1981	4	330	dsy	Ion-Implanted PLZT Ceramics: a New High-Sensitivity Image Storage Medium	Peercy, P.S.*; Land, C.E.
1982	1	3	lc	A Pocket-Size Liquid Crystal TV Display	Kaneko, E.*; Kawakami; H., Hanmura; H., Saito, S
1982	1	9	lc	An Evaluation of Smectic Dynamic Scattering for High-Complexity Displays with On-Screen Memory	Crossland, W.A.*; Ayliffe, P.J.
1982	1	15	lc	A Dyed-Phase-Change Liquid-Crystal Display Over a MOSFET Switching Array	Crossland, W.A.*; Aylifee, P.J., Ross, P.W.
1982	1	23	lc	A Positive Mode Dichroic LC Display	Oh, C.S.*; Kramer, G.
1982	1	29	lc	New Liquid-Crystal Mixtures: Physical Properties, Multiplexity, Adjustment of Parameters, and Electro-Optical Performance in Displays	Schadt; M.*; Gerber, P.R.
1982	1	37	lc	Stable Thin-Film Transistors for Liquid Crystal Matrix Displays	Lee, M.J.*; Wright, S.W.; C.P. Judge
1982	1	41	nlc	Performance Improvements in WO <sub>3</sub> -based Electrochromic Displays	Giglia, R.D.*; Haacke, G.
1982	1	47	prn	Experimental Determination of Transducer Constants for Drop-On-Demand Ink Jet Devices	C.R. Raschke *
1982	1	51	prn	New Thermal Ink Transfer Printing	Nakay, S.*; Murasugi, K.; Kazama, M.; Sekido, Y
1982	2	61	pl	A dc Plasma Display Panel Unit With Higher and Simpler Construction	Akutsu, H.*; Nakagaawa, Y.
1982	2	67	dsy	A Miniature High-Contrast Color Cockpit Display Indicator	Kalmanash, M. H.*
1982	2	73	led	A Multicolor GaP LED Flat Panel Device for Colorful Display of Letters and Figures	Nina.T,*; Kuroda, S.; Yamaguchi, T.; Yonei, H. ; Tomida, Y.; Yagi, K.
1982	2	77	dsy	Eyeglass Heads-Up Display	Upton, H.W.,; Goodman, J.R.
1982	2	81	dsy	Optical Printer Using LED Array	Tateishi, K.*; Ikeda, Y.; Kotani, S.; Nakaya, K.
1982	2	85	el	A High-Efficiency Drive Method for Electroluminescent Matrix Display	Miller, M.R.; Tuttle, R.P.
1982	2	91	el	An Electroluminescent Display Based on Spatial Separation of Hot-Electron Generation and Luminescent Excitation in Multilayer Films	Morton, D.C.; Williams, F.
1982	2	95	apv	Suppression Characteristics of the Mach Phenomenon in Staircase Pattern Emphasized with Edge Transitions	Kuska, H.
	2	103	dsy	Evaluating FLIR System Performance at the Man-Machine Interface	Wald, J.; Goble, L.G.; Williams; L.G.; Pratt, P.D.
1982	3	113	crt	The Channel Multiplier Cathode Ray Tube	Woodhead, W. et al.,
1982	3	123	crt	An In-Line Gun for High-Resolution Color Display	Chen, H.Y.
1982	3	129	dsy	Experimental Display and Pick-Up Devices for High-Definition TV System	Yamazaki, E. et al.
1982	3	135	prj	A Self-Converging Three-Tube Projection System	Hockenbrock, R.; Rowe, W.A.
1982	3	151	prj	A Color Calligraphic CRT Projector for Flight Simulation	Elmer, S.J.
1982	3	159	crt	A Model to Account for Rim Lighting in Direct View Storage CRTs: Nonuniform Recovery During Erase Cycle	Ostermeier, B.H.
1982	3	163	vfd	High-Resolution Vacuum Fluorescent Display with 256x256 Dot Matrix	Uchiyama, M. et al.
1982	3	169	pl	A New dc PDP with Low Voltage Drive and High Resolution	Amano, Y. et al.

1982	3	175	el	Characteristics of a dc Electroluminescent Panel Under ac Operation	Zhou, L-x et al.
1982	3	181	el	Low-Voltage ac Thin-Film Electroluminescent Devices	Kozawaguchi, H. et al,
1982	3	187	el	A High Voltage IC Chip Set for Use as EL Panel Drivers	Choy, B. et al.
	3	197	led	High-Resolution Display Device Using LED Arrays	Nakaya, S et al.
1982	4	209	amd	Characteristics of TFT Fabricated in Laser-Recrystallized Polysilicon for Active LC Display	Nishimura, T. et al.,
1982	4	215	amd	A Liquid Crystal Display Device with Thin-Film Transistors	Matsuura, M. et al,
1982	4	219	amd	Amorphous Silicon Thin-Film transistors for Liquid-Crystal Display Panel	Kawai, S. et al.,
1982	4	223	amd	A Liquid -Crystal TV Display Panel Incorporating Drivers	Yamazaki, T. et al.,
1982	4	227	lc	LCD Panel Using Plastic Substates	Umeda, T. et al.,
1982	4	233	lc	Positive Contrast Dichoric Phase-Change LCD	Mizunoya, K. et al.
1982	4	237	lc	A High-Contrast Non-Multiplexed Liquid-Crystal Dot-Matrix Display	Gharadjedaghi, F. et al.,
1982	4	241	lc	Double-Layered Gyest Host with Wide Operating Temperature Range	Sawada, K. et al.,
1982	4	245	nlc	Response Improved Electrochromic Display Based on Organic Material	Masumi, T. et a.,
	4	249	nlc	A Newly Developed Electrical Twisting Ball Display	Saitoh, M. et al.,
1983	1	3	prn	Information Recording and Display on Low-Voltage Photoconductor Materials	Kuehnle, M.R.
1983	1	7	prn	Analysis of a Drop-on-Demand Ink Jet	Mizune, T. et al
1983	1	13	prn	Paper-Function Model for Wire-Matrix Printing	Wang, H.C.; Hall, S.A,
1983	1	17	opt	The Design and Optimization of the Optical Data Disk	Bell, A.E.
1983	1	25	amd	Performance Parameters of Reversible Amorphous Materials Used for Optical Data Storage	Strand, D.
1983	1	29	apv	Design Considerations for Sunlight-Viewable Displays	Christiansen, P.
1983	1	43	dsy	Optical Performance of Contrast Enhancement Filters	Jacobson, K.D.
1983	1	49	prj	Resolution of Projection TV Lenses	Fendley, Jr., J.R.
1983	1	53	apv	Visual Fatigue and Operator Performance with DVST and Raster Displays	Much, G.M.
1983	1	63	apv	How Specific is VDT-Induced Fatigue	Klasbeek, J.W.H.
1983	1	67	apv	Visual Accommodation and Convergence to Multichromatic Visual Display Terminals	Much, G.M.
1983	1	73	apv	The Influence of Camera Separation and Head Movement on Perceptual Performance Under Direct and TV-Displayed Conditions	Pepper, R.L.
1983	1	81	dsy	Charge Pump Glitch Filter	B. Bauer
	1	83	dsy	Requirements of Clinicians and Medical Imagers for Information and Display Processors	Airth-Kindree, W. et al
1983	2	91	pl	Plasma Bubble Display: A New approach to the Design of a Shift-Address AC Plasma display	Boyers, D.G.
1983	2	99	nlc	Excimer Fluorescence for Display Applications	Ferrar, C.M.; Nighan, W.L.
1983	2	104	pl	Emprical Relation of Margin to Gap and Linewidth in AC Plasma Panels	Hairabedian, B.
1983	2	108	el	Mechanism of Thin Film Electroluminescence	Bernard, J.E.; Martens, M.F.; Morton, D.C.; Williams, F.
1983	2	112	el	Mechanisms of the Negaive-Resistance Characteristics in AC Thin-Film Electroluminescence Devices	Wang, K.W.; Owen, S.T.J.
1983	2	120	el	Thin Film Electroluminescence Devices: Influence of Mn-Doping Method and Degradation Phenomena	Menn, R.; Tueta, R.J.; Izrael, A.;Braguier, M
1983	2	123	el	Erasing Characteristics of a Thin-Film EL ZnS:Mn Interface	Sahni, O.
1983	2	128	ell	How ZnS:Mn Layer Thickness Contributes to the Performance of AC Thin-Film EL Devices Grown by Atomic Layer Epitaxy (ALE)	Tornqvist, R.O.; Antson, J.; Skarp, J; Tanninen, V.P.
1983	2	131	el	Electroluminescence from Films of ZnS;Mn Prepared by Organometallic CVD	Cattell, A.F.; Cockayne,B; Dexter, K.; Kirton, J; Wright, P.J.

1983	2	135	el	DC Electroluminescence in Novel n-p Si/ZnS;Mn Heterostructures	Galego, J.M.; Reehal, H.S.; Thomas, B.C.
1983	2	139	el	Novel Synthesis Techniques for Zinc-Silicon Phosphors	Brownlow, J.M.; Chang, I.F.
1983	2	144	crt	Current Sensitive Multicolor CRT Display	Ohkoshi, A.; Takeuchi, O.; Kusama, H.; Kaambayashi, K.; Yukawa, T.
1983	2	149	prj	Electron Beam Modulated Liquid Crystal Light Valve	Haven, D.A.
1983	2	152	lc	Dye-Type Liquid Crystal Displays	Toriyama, K.; Ishibashi, T.; Satoh, M.; Suzuki, K.
1983	2	159	lc	New Photostable Anthraquinone Dyes with High Order Parameters	Sanders, F.C.; Harrison, K.J.; Thompson, D.J.; Raaynes, E.P.
1983	2	163	lc	A Full-Color Matrix Liquid-Crystal Display with Color Layers on the Electrodes	Uchida, T.; Yamamoto, S.; Shibata, Y.
1983	2	167	lc	The Direct-View Matrix-Addressed Smectic A LCD Panel: Dynamic Behavior	Hareng, M.; LeBerre, S.; Mourey, B.; Moutou, P.C.; Perbet, J.N.; Thirant, L.
1983	2	173	lc	A Matrix Addressable Bistable Nematic Liquid-Crystal Display with Electric field Writing and Thermal Erasure	Wilson, T.; Boyd, G.D.; Thurston, R.N.; Cheng, J.; Storz, F.g.; Westerwick, E.H.
1983	2	180	lc	A New Low-Voltage Electrically Addressed Bistable Nematic Liquid-Crystal Boundary-Layer Display	Cheng, J.; Thurston, R.N.; Boyd, G.D.; Meyer, R.B.
1983	2	185	amd	Promise and Challenge of Thin-Film Silicon Approaches to Active Matrices	Lakatos, A.I.
1983	2	192	amd	Materials Limitations of Amorphous Si:H Transistor	Ast, D.G.
1983	2	199	prj	128x128 Deformable Mirror Device	Hornbeck, L.J.
	2	205	dma	Alkali Extraction as a Determinant in the Selection of a Glass for Displays	Faulkner, E.K.; Whitney, R.K.; Zeman, J.E.
1983	3	219	prn	Color Hard Copy for Computer Systems	Jaffe, A.B.; Mills, R.N.
1983	3	235	apv	The Human Visual System: A Guide for the Display Technologies	Rogowitz, B.E. *
1983	3	253	prn	On the Error Discussion Technique for Electronic Halftoning	Billotet-Hoffman, C.; Bryngdahl, O.
1983	3	259	lc	New Addressing Techniques for Multiplexed LCDs	Ruckmongathan, T.N.; Madhusudara, N.V.
1983	3	263	lc	Development of Achromatic and Color LCDs and Their Colorimetric and Ergonomic Evaluation	Kosaka, T. et al
1983	3	271	apv	Computer-Aided Determination of Nearly Optimal Dot-Matrix Size for Display of Indian Characters	Krishnamoorthy, S.G. et al
1983	3	281	prj	A Three-Color Bilevel Scanner	Nilsson, J.O.; Nygren, A.
1983	4	297	x	Electronic Industries Association	Forish, S.K.
1983	4	301	crt	Worldwide Type Designation System for TV Picture Tube and Monitor Tubes	EIA Tube Engineering Advisory Council
1983	4	311	crt	Industrial Cathode-Ray-Tube Test Methods	EIA Tube Engineering Advisory Council
1983	4	317	apv	1976 CIE-UCS Chromaticity Diagram with Color Boundaries	Keller, P.
1983	4	323	crt	Recent Phosphor Screen Registrations and the Worldwide Phosphor Type Designation System	Keller, P.
1983	4	329	crt	Determining the Phosphor Life of a CRT with a Programmable Calculator	Brain, J.
1983	4	333	crt	Cathode-Ray-Tube Bulb Criteria	EIA Tube Engineering Advisory Council
1983	4	345	crt	Spot Pulse Width and Repetition Rate in Raster Do Alphanumeric CRT Presentations for Rectangular Pulses	Oess, F.G.
1983	4	353	crt	Effect of Pulse Shape in Raster Do Alphanumeric CRT Presentation on Spot Luminance and Luminance Distribution	Oess, F.G.
1983	4	363	crt	Magnetic Deflection Yokes	Adams, W.O.
1983	4	367	crt	Glossary of Cathode Ray Tube and Definition	no author
1984	1	3	el	Two-Color Thin-Film Electroluminescence with Spatially Selective Activator Doping	Kitai, A.J.; Wolga, G.J.
1984	1	7	el	Deep Traps and Mechanism of Device Aging in ACTFEL Devices	Yang, K-W.; Owen, S.J.T.
1984	1	11	amd	220x240 Pixel a-Si TFT	Suzuki, et al.,
1984	1	17	amd	LCD Panel Using TE TFT Array	Matsuura et al.
1984	1	21	amd	A Self-Alignment Processed a-Si:H TFT Matrix Circuit for LCD Panels	Kawai, S. et al.



1984	1	31	lc	New Black Liquid-Crystalline Guest-Host Systems for Indoor and Outdoor Applications	Scheuble, B.S. et al.
1984	1	31	dsy	New LCC/CRT Field Sequential Color Display	Vatne, R.S. et al
1984	1	35	crt	Resolution of Data Display Tubes	Barten, P.G.J.
1984	1	43	crt	Anti-Halo Coatings for CRT Faceplates	Rancourt, J.D.
1984	1	49	prn	High Resolution Color Ink-Jet Printer	Maeda, J. et all.
1984	1	53	prn	High Resolution Full-Color Printer by Microdot Ink-Jet Printing Method	Yamada, T.
1984	1	59	prn	Droplet Ejection of a DOD Ink-Jet Printer	Kutami, M. et al.
1984	1	65	prn	The Influence of Ink/Media Interactions on Copy Quality in Ink-Jet Printing	Jaeger, C.W.
1984	1	71	prn	Thermal Ink-Transfer Color Copier	Iwamoto, A.
1984	1	75	led	Multifunction Keyboard Development Using Programmable Legend LED Dot-Matrix Switch Design	Spiger, R.J.
	1	83	gr	An Information Representation Protocol for Videotext Systems	Mansky, A.W.
1984	2	95	prj	Laser-Addressed Smectic Cholesteric Light Valve Doped with Dichroic Dye	Sasaki, A.; Hayashi, N.; Ishibashi, T.
1984	2	99	crt	Is the "Trilemma Rule" Useful to Designing Deflection Yokes in Color Picture Tubes	Dasgupta, B.B.
1984	2	105	nlc	An Electrophoretic Image Display with Internal NMOS Address Logic and Display Drivers	Shiffman, R.R.; Parker, R.H.
1984	2	117	amd	High-Voltage Polycrystalline-Silicon TFT for Addressing EL Devices	Unagami, T, Tsujiyama, B.
1984	2	123	el	Thin-Film EL Devices: Device Characteristics and Performance	Alt, P.M.
	2	147	opt	A Fast Optical Scanner for One and Two Dimensions	Danzer, H.J.; Ahlborn, B.; Neufeld, R.
1984	3	155	crt	Spot Size and Current Density Distribution of CRTs	Barten, P.G.J.
1984	3	161	crt	The Conical Field Focus (CFF) Electron Lens - A New Dimension in Color Electron Optics	Zmuda, E.I.; Say, D.L.; Lucchesi, B.F.
1984	3	165	crt	Improved OLF In-Line Gun System	Hosokoshi, K.; Ashizaki, S.; Suzuki, H.
1984	3	171	crt	A Rotationally Asymmetric Electron Lens with Elliptical Apertures in Color Picture Tubes	Shirai, S.; Takano, H.; Fukushima, M.; Yamauchi, M.; Iidaka, Y.
1984	3	177	el	Large-Scale ac Thin-Film Electroluminescence Display Panel	Fujita, Y.; Kuwata, J.; Nishikawa, M.; Tohda, T.; Matsuoka, T.; Abe, A.; Nitta, T.
1984	3	183	el	Use of Coactivators in Rare-Earth-Activated ZnS for EL Displays	Freeman, E.C.; Baird, D.H.; Weaver, J.R.
1984	3	187	el	Various Tb-Compound Luminescent Centers in ZnS Thin-Film EL Devices	Kobayashi, H.; Tanaka, S.; Kunou, T.; Shiiki, M.; Sasakuura, H.
1984	3	193	el	Green-Emitting Thin-Film dc EL Devices with Low Threshold Voltage	Ohnishi, H.; Yoshino, H.; Ieyasu, Sakuma, N*; Hamakawa, Y.
1984	3	201	led	A High-Brightness Monolithic Display Device Using GaP Green-Light-Emitting Diodes	Yodoshi, K.; Yamaguchi, T.; Niina, T.
1984	3	207	crt	A Flat Cathodoluminescent TV Display with Horizontal addressing and Vertical Deflection	Sakamoto, Y.*; Miyazaki, E.
1984	3	211	vfd	MOS-Addressed VFD Image Display on a Chip	Uemura, S.; Kiyozumi, K.
1984	3	219	opt	Optical Properties of Polycarbonate Substrate for Optical Discs	Takeshima, M.; Funakoshi, N.;
1984	3	225	apv	Legibility of 5x7 Dot-Matrix Alphanumerics as Determined by Element Configuration	Kume, Y.*; Ohzu, H.; Ishikawa, K.; Hatada, T.
1984	3	231	apv	Adaptation of VDT Operators to VDT Work	Yamamoto, S.; Noro, K.; Kurimoto, S.; Iwasaki, T.
1984	3	239	apv	How to Reinforce Perception of Depth in Single Two-Dimensional Pictures	Nagata, S.
1984	4	253	amd	A 250x240 Element LCD Addressed by Lateral MIM	Morozumi, S.I.*; Ohta, T.; Araki, R.; Sonehara, T.; Kubota, K.; Ono, Y.; Nakazawa, T.; Ohara, H.
1984	4	261	lc	Highly Multiplexable Dyed LCDs	Walters, C.M.; Brimmell, V.; Rayens, E.P.
1984	4	265	amd	Integrated Matrix-Addressed LCD Using Amorphous-Silicon Back-to-Back Diodes	Szydlo, N.; Chartier, E.; Perbet, J.N.; Proust, N.; Magarion, J.; Hareng, H.
1984	4	269	amd	Amorphous-Silicon TFT Matrix for Large-Area Liquid-Crystal Displays	Powell, M.J.; Chapman, J.A.; Stroomer, M.V.C.

1984	4	275	lc	Evaluation of Brightness and Contrast of Twisted-Nematic and Guest-Host Cells	Seki, H.; Uchida, T.; Shibata, Y.
1984	4	281	lc	A TFT Addressed Liquid-Crystal Color Display	Sugata, M.; Okubo, Y.; Osada, Y.; Kasugayama, Y.
1984	4	287	lc	Controlled Low-Tilt-Angle Liquid-Crystal Orientation on "omniazimuthally" Evaporated SiO at 60 degree Incidence	Hiroshima, K.; Obi, H.
1984	4	293	dsy	A True Analog Bar-Graph LCD with Improved Uniformity in Sensitivity and Display Font	Satyam, M.; Ramkumar, K.; Anandan, M.
1984	4	299	prj	A Semiconductor-Addressed Dye-Doped Liquid Crystal Light Valve	Urabe, T.; Usui, H.; Arai, K.; Ohkoshi, A.
1984	4	305	nlc	A Two-Color Electrochromic System Using InN Thin Films	Takai, O.
1984	4	311	prn	The Effect of Head Shape on DOD Ink-Jet Formation	Takada, N.; Mizuno, T.; Kiyoto, K.; Matsuda, T.
1984	4	315	amd	Electro-Optical Switching and Memory Device Utilizing Metal-Insulator Transition of Conducting Polymers	Yoshino, K.; Kaneto, K.; Inuishi, Y.
1984	4	321	prn	A Poster-Size Ink-Jet Printing System	Kotera, H.*; Yoshida, K.; Tsuda, Y.; Horiuchi, H.; Takehara, N.; Takehara, N.; Odawara, H.
1984	4	331	nlc	Improvement in Electrochromic Properties of n-Heptylviologen Systems	More, H.; Yasuda, A.; Takehana, Y.; Ohkoshi, A.; Kamiya, N.*
1984	4	335	prj	Optical Projection System with a Copper-Laser Brightness Amplifier	Ogura, I.; Kuroda, K.; Shimura, T.; Chihara, M.
1984	4	341	prj	A New High-Resolution Gun for Projection Tubes	Suzuki, Y.; Kimura, M.; Arimoto, N.
1985	1	3	lc	A 7.23-in-Diagonal Color LCD Addressed by a-Si TFTs	Ugait, Y.; Murakami, Y.; Tamamura, J.; Aoki, S
1985	1	9	amd	An LC-TV Display Controlled by a-Si Rings	Togashi, S.; Sekiguchi, K.; Tanabe, H.; Yamamoto, E.; Sorimachi, K.; Tajima, E.; Watanabe, H.; Shimizu, H.
1985	1	17	lc	Black Dystuff Mixtures for Commercial LCD Systems	Calussen, U.; Brockes, A.; Kops, E.F.; Krock, F.W.; Neff, R.;
1985	1	23	crt	On the Resolution of Raster-Scanned CRT Displays	Infante, C.
1985	1	337	crt	Relationship Between Raster Distortions, Screen Geometry, and Winding Distortion of Deflection Yoke in a CRT Display System	Dasgupta, B.B.
1985	1	41	crt	A Clamshell Deflection Yoke	Strong, D.K.
1985	1	17	crt	Radiation Damage in Projection CRT Glass	Rengan, A.; Remec, T.; Park, Y.
1985	1	55	crt	An Advanced CRT-Spot-Contour Measurement System	Baur, B.
1985	1	59	pl	An ac Plasma Operating as the CRT Video Display for an IBM PC	Criscimagna, T.N.; Hoffman, H.S.; Knecht, W.R.
1985	1	65	dsy	High-Resolution Image Reproduction for CCD Imager by Using Swing Action Mode	Harada, N. Endo, Y.; Egawa, Y.; Tanuma, C.; Yokoyama, K.; Yoshida, O.
1985	1	71	dsy	Imaging System Design Based on Psychophysical Data	Glenn, W.E.; Glenn, K.G.; Bastian, C.J.
1985	1	79	dsy	Phone Slave: a Graphical Telecommunications Interface	Schmandt, C.; Arons, B.
1985	2	89	apv	The Legibility of Passive Displays	Laycock, J.
1985	2	95	apv	Designing Displays by Computer Emulation	Laycock, J.
1985	2	101	apv	Rundamental Requirements for Picture Presentation	Cowlishaw, M.F.
1985	2	109	lc	Surface Induced Bistability in Chiral-Nematic -Liquid Crystals: Effect of Crystal and Surface Parameters	Becker, M.E.; Kosmowski, B.B.; Mlynski, D.A.
1985	2	117	lc	Fast-Responding New Nematic Liquid Crystals: Application of Alkenyls in High-Information-Contet and CAR LCDs	Schadt, M.; Petrzilka, M.
1985	2	125	lc	Cross-Modulation and Nonuniformity Reduction in the Addressing of Matrix Displays	Maltese, P.
1985	2	133	lc	Modulators, Linear Arrays, and Matrix Arrays Using Ferroelectric Liquid Crystals	Clark, N.A.*; Lagerwall, S.T.; Wahl, J.
1985	2	141	prj	High-Resolution Vector-Addressed Liquid Crystal Light Valve	Harrold, J.; Steele, C.
1985	2	147	lc	New Applications for Waveform Identity Addressing of LCDs	Clark, M.G.; Glasper, J.L.; Shanks, I.A., Smith, C.J.T.
1985	2	157	dsy	A Full-Color Field-Sequential Color Display	Bos, P.; Buzak, T.; Vatne, R
1985	2	163	lc	Flat-Panel Liquid Crystal Waveguide Display	Green, M.; Menown, J.S.
1985	2	167	nlc	The Electroscopic Fluid Display	te Velde, T.S.; Zegers-van Duynhoven, T.A.

1985	3	175	amd	Single Crystal Silicon Active-Matrix Display	Crossland, W.A.; Needham, B.; Ross, P.W.
1985	3	183	amd	Contact-Limited Behavior in Amorphous Silicon FET for applications to Matrix-Addressed Liquid-Crystal Displays	Possin, G.E.; Castleberry, D.E.; Piper, W.W.; Parks, H.G.
1985	3	191	amd	Amorphous-Silicon Thin-Film Transistors: Performance and Material Properties	Powell, M.J.
1985	3	197	amd	Self-Aligned a-Si:H TFT: A New Way to Design Active-Matrix LCDs	Chenevs-Paule, A.; Diem, B.; Leroux, T.; Truche, R.
1985	3	201	amd	Using Redundancy When Designing Active-Matrix-Addressed LCDs	Bisotto, S.; Micollet, D.; Poujois, R.
1985	3	209	amd	Large LCD Panel Addressed by 320x320 TFT Array	Richard, J.; Bonnel, M.; Vinouze, B.; Fevenec, J.L.; Weisse, P.; Bessonnat, Y.; Gerard, G.; Salaun, S.; Le Contellec, M.; Morin, F.
1985	3	213	amd	A 3.1-in. TFT-Addressed Color LCD	Yanagisawa, T.; Kasahara, K.; Okada, Y.; Sakai, K.; Komatsubara, Y.; Fukui, I.; Mukai, N.; Ide, K.; Matsumoto, S.; Hori, H.
1985	3	217	amd	The Addressing of Light Valves in a Printer By High-Voltage TFTs and Resistors with a Large Sheet Resistance	Lueder, E.; Moersch, G.; Kallfass, T.; Koger, K
1985	3	223	el	The Effect of Post-Deposition Annealing Upon the Electro-Optical Characteristics and the Microstructure of ZnS:Mn ACTFEL Devices	Thioulouse, P.; Tueta, R.; Izrael, A; Duruy, N.
1985	3	231	el	EL Device with Stable Memory Effect	Taniguchi, K.; Tanaka, K.; Ogura, T.; Kakahara, Y.; Nakajima, S.; Inoguchi, T.
1985	4	243	lc	New Nematic-Cholesteric LCD Using Hysteresis Behavior	Mochizuki, A.; Gondo, H.; Watanuki, T.; Saito, K.; Ikegami, K; Okuyama, H.
1985	4	249	amd	An Active-Matrix LCD Addressed by Laser-Recrystallized Poly-Si TFTs	Ishizu, A.; Suzuki, Z.; Matsumoto, T.; Miki, H.; Onishi, Y.; Nishimura, T.; Akasaka, Y.
1985	4	255	ell	Multicolor Electroluinescence in Alkaline-Earth Sulfide Thin-Film Devices	Tanaka, S.; Shanker, V.; Shiiki, M.; Deguchi, H.; Kobayashi, H.
1985	4	259	vfd	MOS-Addressed VFD Character Display Incorporating a Static RAM	Uemura, S.; Iwade, M.; Kiyozumi, K.; Nakamura, T.
1985	4	267	crt	High-Resolution Electron Gun Designed for a New Generation of Color Data Display Tubes	Chen, H.Y.
1985	4	273	crt	A Relation Between $H_0(z)$ and $H_2(z)$ in Deflection Yokes and Its Influence on Convergence Errors	Gerber, J.
1985	4	279	crt	Combination Boundary Integral and Finite Difference Method for Calculation of Yoke Magnetic Fields	Campbell, F.J.; Winarsky, N.D.
1985	4	285	crt	A Flicker-Free 2448x2048 Dot Color CRT Display	Ando, K.; Osawa, M.; Shimizu, T.; Maruyama, T.; Fukushima, M
1985	4	293	crt	Character Display Capability of CRT Monitors	Barten, P.G.J.
1985	4	299	crt	The Measurement of Resolution of Shadow-Mask CRTs	Veron, H.
1985	4	305	dsy	Resolution and Addressability; How Much is Enough?	Murch, G.; Virgin, L.; Beaton, R.
1985	4	309	opt	New Applications for the Optique: An Early Depth-Sensation Viewer	Yanagisawa, Y.
1985	4	315	prj	A 54-in. (5:3) High-Contrast High-Brightness Rear-Projection Display for High-Definition TV	Ando, K.; Osawa, M.; Ohki, M.; Ogino, M.; Yamazaki, E.
1985	4	323	prj	Portable Projection CRT Display	Feigenblatt, R.I.; Chang, I.F.; Powell, C.G.
1985	4	329	dsy	A High-Speed Algorithm for Generating Anti-Aliased Lines	Ketcham, R.L.
1986	1	3	prn	Laser-Beam Printer Scanner	Kamiya, M.; Sumiya, M.; Yamashita, M.
1986	1	9	prn	Toner Adhesion in Electrographic Printers	Lee, M. H.
1986	1	15	prn	The Imaging Method for the Electrographic Display	Kaneko, S.; Tamura, Y.; Oguchi, Y.; Tsukada, M.; Tsunoi, H.; Kishi, H.; Takahashi, T.
1986	1	19	prn	Print Head with Ferroelectric Liquid-Crystal Light-Shutter Array	Umeda, T.; Hori, Y.; Mukoh, A.
1986	1	25	prn	Computing Color Gamuts of Ink-Jet Printing Systems	Engeldrum, P.G.
1986	1	31	prn	The Effect of Head Dimensions on Drop Formation in Drop-On-Demand Ink-Jet Printing	Takada, N.; Mizuno, T; Kiyota, K.; Matsuda, T.
1986	1	37	prn	Spot-Size Modulation in Drop-On-Demand Ink-Jet Technology	Hofer, E.P.
1986	1	41	prn	Resistive Ribbon Printing (RRP)	Crooks, W.*; Krause, K.; Shattuck M.; Street, R.; Tsay, J.; Weiche, W.W.; Pennington, K.

1986	1	47	prn	A Basic Study of Thermal-Transfer Printing for Improvement of Print Quality	Ando, S.; Ogata, H.
1986	1	53	prn	Reinking Thermal-Transfer Printing	Nose, I.; Takeda, T.; Kuroe, S.; Masaki, H.; Tanoshima, T.
1986	1	59	prn	Measurement of Temperature Response in Thermal-Transfer Printing	Davids, D.A.; Bertoni, H.L.
1986	1	67	prn	Effect of Longitudinal Hammer Lengths on Contact Time in High-Speed Printer Applications	Lee, H. C.
1986	1	69	prn	Selection of an Optimal Variable-Width Dot-Matrix Character Set	Suen, C.Y.; Shiau, C.; Galbraith, D.S.
1986	1	81	prn	Some Important Factors that Limit the Speed of Impact Print Hammers	Hendriks, F.
1986	2	91	crt	Numerical Simulation of a Rotational Symmetric Space-Charge Effect in the Near-Cathode Region	Andretta M.*; Marini, M.
1986	2	97	crt	Analysis on Electrostatic Pattern York Camera Tubes	Oku, K.; Fukushima, M.
1986	2	105	crt	Three-Dimensional Analysis of CRTs for Color Television	MacGregor, D.M.
1986	2	115	crt	Multiple-Beam CRT Design Overview	Beck V.D.; Piggan, B.P.
1986	2	125	crt	Integrated Electron Sources for Multibeam CRTs	Piggan, B.P.; Segredo, E.; O'Hanlon, J.F.; Staples, J.L.; Brown, A.V.
1986	2	133	crt	Head-Tracking Stereoscopic Display	Schwartz, A.
1986	2	139	crt	A Transparent Thin-Film CRT Screen of Y2O3:Eu with Contrast Enhancement Layer	Young, R.W.*; Green, B.J.*; Camp, G.H.*; Gibb, I.G.*; Waite, M.S.
1986	2	145	crt	Electron-Beam-Pumped One-Dimensional Array of Light Emitters	Shmulovich, J.
1986	2	153	crt	A High-Resolution Color CRT for CAD/CAM Use	Nakanishi, H.; Okuda, S.; Yoshida, T.; Sugahara, T.
1986	2	157	crt	Measurement of Emittance Diagram of Electron Gun Asymmetrical Beam-Forming Region	Ikegame, K.; Okuda, S.; Sano, K.; Nosaka, E.
1986	3	163	el	Monolithic Thin-Film Photoconductor--ACEL Structure with Extrinsic Memory by Optical Coupling	Thioulouse, P.*; Solomon, I.
1986	3	169	el	A Novel TFEL Device Using a High-Dielectric-Constant Multilayer Ceramic Substrate	Sano, Y.; Nunomura, K.; Koyama, N.; Sakuma, H.; Utsumi, K.
1986	3	173	pl	Quantitative Wall Voltage Characteristics of ac Plasma Displays	Weber, L.F.; Warren, K.W.; Weikart, G.S.
1986	3	183	pl	Three-Electrode-per-Pel ac Plasma Display Panel	Dick, G.W.
1986	3	189	pl	Plasma Display Based on XeF Excimer Fluorescence	Otter, Jr., F. A.; Nighan, W.L.
1986	3	195	pl	High-Resolution Thick-Film Dielectric Barriers for Optical Isolation in Color Plasma Displays	Andreadakis, N.S.; Ngo, P.D.T.
1986	3	199	pl	Temporal Distribution of Space Charge in ac Plasma Cell Discharge	Ngo, P.D.T.
1986	3	203	lc	The Cooperative Effects of Heterocycles, NCS-Polar Groups, and Double Bonds on the Material Properties of New Nematic Liquid Crystals	Schadt, M.; Buchecker, R.; Villiger, A.; Leenhouts, F.; Fromm, J.
1986	3	211	lc	First- and Second-Order Freedericksz Transitions in Nematic Liquid Crystals Subjected to Static and Optical-Electromagnetic Fields	Ong, H.L.
1986	3	217	amd	Numerical Simulation of Polycrystalline-Silicon MOSFETs	Guerrieri, R.; Ciampolini, P.; Gnudi, A.; Rudan, M.; Baccarani, G.
1986	3	223	lc	Reflective Multicolor Liquid Crystal Display	Uchida, T.; Katagishi, T.; Onodera, M.; Shibata, Y.
1986	3	229	amd	A Large-Area High Resolution Active-Matrix Color LCD Addressed by a-Si TFT	Sunata, T.; Yukawa, T.; Miyake, K.; Matsushita, Y.; Murakami, Y.; Ugai, Y.; Tamamura, J.; Aoki, S.
1986	3	235	amd	A 640x400 Pixel Active Matrix LCD Using a-Si TFTs	Sunata, T.; Yasui, M.; T.; Miyake, K.; Murakami, Y.; Ugai, Y.; Tamamura, J.; Aoki, S.
1986	3	239	dsy	A New Teletext Character Set with Enhanced Legibility	van Nes, F.L.
1986	4	245	crt	CRT Technologies: Progress and Issues	Infante, C.
1986	4	249	dsy	Calligraphic and Raster Displays for Simulators	Liapis, G.; Schneider, A.
1986	4	257	lc	Liquid Crystal Color Shutter Operation and Applications	Pollack, J.M.; Haven, T.J.
1986	4	261	prj	Projection Display Devices	Todd, Jr., L.T.; Sherr, S.
1986	4	269	prn	Color Hardcopy with CRTs	Wurtz, J.

1986	4	275	crt	Ultimate Resolution and Non-Gaussian Profiles in CRT Displays	Infante, C.
1986	4	281	crt	Design of a CRT with a Nearly Flat Glass Faceplate and a Non-Glass Funnel Using Finite-Element Analysis	Jain, V.; Varshneya, A.K.; Singh, M.P.; Ketchum, D.C.
1986	4	289	dsy	An Analysis of Visual Communication Based on Electrical Signal Theory	Patterson, M.L.
1986	4	305	dsy	Halftoning Techniques Using Error Correction	Fawcett, G.S.; Schrack, G.F.
1986	4	309	dsy	Three-and Four-Dimensional Addressing of Flat Panel Displays	Kitai, A.H. McMaster Univ., Canada
1986	4	313	amd	Active-Matrix Techniques for Displays	Howard, E.W.
1986	4	327	apv	Designing Full-Color LCDs Based on Colorimetry	Ohishi, H.; Takeuchi, M.; Kobayashi, S; Shimomura, T.*
1987	1	33	crt	Short Cathode Ray Tube	Schwartz, S.A.
1987	1	9	crt	Fifth-Order Trilemma in Deflection Yoke Design	Sulyterman, A.A.S.
1987	1	15	crt	An Electron Gun Design for Flat Square 110 Color Picture Tube	Gerritsen, J.; Barten, P.G.J.
1987	1	21	el	Red and Blue Electroluminescence in Alkaline-Earth Sulfide Thin-Film Devices	Tanaka, S et al.
1987	1	27	el	DC Electroluminescence in ZnS (Cu,Mn) Prepared by a Successive Vacuum Deposition Method	Hasegawa, H.; Nakagawa, S.
1987	1	31	el	Realization of a Large-Area EL Display with Matrix Addressing for Full Video	Miller, M.R. et al; Jung, C. et al.; Tsang, F.*; Hope, L. et al
1987	1	37	el	The Powder DCEL Mosaic Matrix Display	Zhou, L. et al.,
1987	1	41	vfd	High-Resolution Vacuum Fluorescent Display on a Chip	Yoshimura, M. et al;; Uemura, S.; Horie, M.
1987	1	47	dsy	Stereoscopic Display Using LCDs	Uchida, T.: Miyashita, T.
1987	1	55	prj	Full-Color Laser-Addressed Smectic LC Projection Display	Nagae, Y. et al.
1987	1	59	apv	Legibility Evaluation of a Large-Screen Display System Under Medium Ambient Illumination	McNeese, M.D*.; Katz, L.
1987	1	67	dsy	Handwriting recognition on Transparent Tablet Over Flat Display	Tappert, C.C. et al
1987	1	75	prn	Improved Amorphous-Silicon Photoreceptor for Diode Laser Beam Printer	Kudoh, M.*; Naakano, M. et al.
1987	1	81	el	TFEL Edge Emitter Array for Optical Image Bar Application	Kun, Z.K. et al.
1987	1	87	prn	Surface Coating for the Reduction of Contact Resistance in Resistive Ribbon Printing	Shih, K.K.; Chieu, T.C.
1987	2	101	amd	A New Active Diode Matrix LCD Using Off-Stoichiometric SiNx Layer	Suzuki, M. et al.
1987	2	105	amd	Matrix-Addressed LCD Using Novel Two-Terminal Elements	Fujita, S. et al.
1987	2	109	amd	Capacitively Coupled-Transistor Polysilicon	Bryer, N.J. et al.
1987	2	115	lc	An Electrodeposited Tri-Color Filter for Use in a Full-Color LCD	Suginoya, M. et al.*; Nomura, T. et al.
1987	2	127	lc	Theoretical Estimation of Light Stability of Azo Dyes for LCDs	Ohmi, S. et al.
1987	2	131	amd	An Active Matrix-Addressed Color LCD Using a V2-TFT	Sakai, T. et al.,
1987	2	137	lc	A 5-in. Active-Matrix Full-Color LCD for Displaying TV Images	Matsushita, Y. et al.
1987	2	141	lc	A Large-Area High Resolution Active-Matrix Color LCD	Sunata, T. et al.
1987	2	145	lc	A 10-n. diagonal Active-Matrix LCD Addressed by a-Si TFTs	Sakamoto, H. et al.
1987	2	149	lc	Effect of Various Parameters on Matrix Display Characteristics of SBE Liquid-Crystal Cells	Kotani, Y. et al.*; Uchida, T.
1987	2	155	lc	Generation of a High Pretilt Angle by Rubbing: Application to Supertwisted Nematic LCDs	Yoshida, K.*; Kobayashi, S.*; Nakayama, M.
1987	2	159	lc	Electro-Optical Properties of Supertwisted Nematic Display Obtained by Rubbing Techniques	Akatsuka, M. et al.; Nakayama, M.*
1987	2	167	lc	Fast-Switching Ferroelectric Liquid-Crystal Midture Composed of New Material with Extremely Large Spontaneous Polarization	Ohnishi, H. et al; Sakuraira, T.; Takeuchi, K.; Yoshino, K.*



1987	3	227	nlc	A Solid Electrochromic Cell Consisting of Lu-Diphthalocyanin and Lead Fluoride	Egashira, N. et al.
1987	3	233	nlc	Electrical Characterization of a Complemental Electrochromic Device	Katsube, T. et al
1987	3	239	nlc	An Electrochromic Display Using Viologen-Cyclodextrin Inclusion complexes	Yasuda, A. et al.
1987	3	243	nlc	An Electrochromic System Using Tin-Nitride Thin Films	Takai, O.
1987	3	247	nlc	A Multicolor Electrochromic Display Using Phthalocyanine Films with a Solid Electrolyte	Yamamoto, H. et al.*; Yamaguchi, S.; Enjoji, H.
1987	3	253	apv	The SQRI Method: A New Method for Evaluation of Visible Resolution on a Display	Barten, P.G.J.
1987	3	263	apv	Development of a Real-Time Analyzer for Depth Perception Using Convergence	Yamada, M. et al.
1987	3	269	apv	Method of Evaluating VDT Screen Layout by Eye Movements	Yamamoto, S.*; Noro, K.
1987	3	278	apv	Apparent Motion Perception Under Light-Adapted Conditions and Its Connection with a Retinal Model	Yasuda, M.; Isono, H.
1987	3	287	dsy	A Head-Up Display for Automotive Use	Horikiri, K.; Ueda, F.; Kumagai, N.; Saga, I.
1987	3	291	dsy	Advanced 256-Color Kanji/Image Display System	Kajisa, K. et al.
1987	3	297	dsy	Photoconductive Particles for One-Shot Color Electrochromic Image Formation	Twatanabe, H. et al.
1987	3	297	prn	High Quality Full-Color Direct Printing Based on Selective Exposures	Takashima, M. et al.*; Fuji, K.
1987	3	311	prn	Multiplexed Ferroelectric Liquid-Crystal Printing Head	Naemura, S. et al.
1987	4	345	el	Bright Green TFEL Devices Using Sputtered ZnS:Tb, F	Ohnishi, H. et al.
1987	4	351	el	TFEL Character Module Using a Multilayer Ceramic Substrate	Nunomura, K. et al.; Sakuma, S.
1987	4	365	el	A Full-Color Thin-Film EL Device with Two Stacked Substrates and Color Filters	Tanaka, S. et al.
1987	4	365	pl	1.5-m-Diagonal AC Gas Discharge Display	Friedman, P.S.*; Soper, T.J.*; Holloway, T.D.; Retuer, C.D.; Wedding, D.K.
1987	4	371	vfd	Color Electronic Fluorescent Display	Ge, S.; Huang, X.
1987	4	375	lc	The Optical Mode Interference LCD: Dependence on Material and Cell Parameters	Schadt, M.; Leenhouts, F.
1987	4	381	lc	A Polyimide Processing Technique for the Manufacture of SBE Displays	Gass, P.A. et al.; Brown, J.T.; Edwards, C.P.; McDonnell, D.G.
1987	4	385	lc	Polyimide Color Filters for Liquid-Crystal Displays	Latham, W.J. et al.
1987	4	391	dsy	Flat-Panel Direct-View Stereoscopic Display Using Liquid-Crystal Cells	Uchida, T*.; Miyashita, T.; Nagata, S.
1987	4	397	amd	A CMOS-Like Ambipolar sSi:H TFT Inverter Circuit	Neudeck, G.W.; Chung, K.Y.
1987	4	403	crt	Progressive-Scanned 33" 110 degree Flat-Square Color CRT	Suzuki, H. et al.
1987	4	409	dsy	A High-Resolution Monoscopic/Stereoscopic Display	Mays, J.A.
1987	4	415	crt	Moire Considerations in Shadow-Mask Picture Tubes	Wittke, J.P.
1987	4	419	crt	COMA: Computer-Aided Design and Analysis of Shunt Assemblies in Picture Tubes	Alig, R.C.
1987	4	425	dsy	Dejagging Raster Graphics Displays by Flash Filtering	Oakley, D.; Parsons, D.I.
1988	1	2	dsy	Effect of Convergence Errors on Resolution	Barten, P.G.J.
1988	c	7	crt	CRT Picture Vibration Caused By Low-Frequency Magnetic Field and Its Reduction Method	Nitta, S.; Maehana, Y.; Ito, T.
1988	1	13	crt	A New Shadow-Mask Suspension system for a Color CRT: Corner-Suspended Mask	Tokita, K. et al.
1988	1	19	crt	A Flat CRT with Multiple Vertical Deflected Beams	Miyazaki, E; Sakamoto, Y.
1988	1	23	crt	Color Display Using the Channel Multiplier CRT	Washington, D.
1988	1	33	crt	In-Line Gun with Dynamic Astigmatism and Focus Correction	Ashizaki, S. et al.
1988	1	41	crt	An In-Line Gun with Dynamic Beam Shaping for Data Display	Yamane, H. et al.,
1988	1	47	crt	43-in. Direct-View Color CRT	Ashizaki, S. et al.
1988	1	53	led	A Low-Cost Super-High-Luminance GaP Green LED Monolithic Flat Panel Display	Yamane, E. et al.; Niina, T.



1988	1	59	pl	Electrical Steering of Xenon Plasma Leading to the Possibility of Continuous Line Scan Through Plasma Display	Satyam, M.*; Anandan, M.
1988	1	65	amd	Improvement of Electrical Performance of CdSe TFTs for Application to VFDs	Shimojo, T.
1988	1	71	el	New DC Electroluminescent Devices Using ZnS:Mn Phosphor Ceramics	Minami, T. et al.
1988	1	77	el	Excitation Mechanism in Red CaS:Eu and Blue SrS:Ce,K TFEL Devices	Tanaka, S. et al.
1988	1	83	el	A Thin-Film Electroluminescent Device Using a Conventional dielectric Ceramics Sheet	Minami, T. et al.
1988	1	87	el	A Push-Pull Driving Technique with a Switching Power-Supply circuit for ACEL Panels	Wakaumi, H.; Saito, M.
1988	2	111	apv	The Analysis of Visual Coding variables on CRT-Generated Displays	Blackman, H.S.; Gilmore, W.E.
1988	2	119	apv	Two-Dimensional Figure of Merit for the Eye and for CRT Raster Displays	Kronlage, R.
1988	2	131	pl	Ion-Bombardment Level at the Phosphor Faceplate of Single-Substrate Color Plasma Displays	Ngo, P.D.T.; Andreadakis, N.C.
1988	2	135	pl	High-Altitude ac Plasma Display Panels: the Effect of Gap Variation on Operating Window	Friedman, P.S. et al.
1988	2	141	pl	Photoluminescent ac Plasma Color Displays	Friedman, P.S. et al.
1988	2	147	el	The Construction and Characterization of a 400-dpi TFEL Edge Emitter	Leksell, D. et al.
1988	2	151	lc	Reflective Multicolor LCD (I): Consideration of the Color Purity and Brightness	Tadokoro, K. et al.,
1988	2	157	lc	Reflective Multicolor LCD (II): Improvement in the Brightness	Koizumi, T.; Uchida, T.
1988	2	161	lc	Modeling of Guest-Host and General Twisted-Nematic LCDs	Ong, H.L.
1988	2	167	amd	A 600-650degree C Polysilicon CMOS Process for Fabricating Fully Scanned Active-Matrix LCDs	Ipri, A.C. et al.
1988	2	173	amd	Line Delay and Capacitive Crosstalk Effects in TFT/LCDs	Wisnieff, R.L.
1988	3	187	crt	Thin Cathode Ray Tubes	Watanabe, M.
1988	3	193	crt	Modeling Microchannel Plate (MCP) Performance in Thin Flat CRTs	Guest, A. J.
1988	3	197	crt	Circuits for the Channel-Multiplier Flat thin Color CRT	Freeman, K.G. et al.
1988	3	201	crt	Achievement of Color in the 12-in. Channel Multiplier CRT	Munsell, J.R. et al.
1988	3	207	crt	The Radiating Fields of Magnetic Deflection Systems and Their Compensation	Sluyterman, A.A.
1988	3	213	apv	Legibility of Multiplexed Dot-Matrix LCDs: The Effect of Surface Reflection	Kubota, H. et al.*; Shimomura, T.; Sawada, K.
1988	3	217	amd	A New Matrix Architecture for Larger-Size Flat Displays	Oki, K. et al.
1988	3	221	amd	CdSe TFT-Addressed LC Flat Panels Without Storage Capacitors	Spachmann, J. et al.
1988	3	227	lc	A 6-in. Full Color LC-TV Using an Active Matrix of a-Si TFTs	Powell, M.J.
1988	3	233	lc	A Fluorescent Dyed Phase-Change LCD	Lewiss, M.R.*; Stanford, J.; Sage, I.; Griffiths, J.; Taylor, S.
1988	3	237	lc	Prospects and Problems of Ferroelectric LLCs	Crossland, W.A. et al.
1988	3	245	lc	Ferroelectric LC Mixture for Electro-Optical Device Applications	Bradshaw, M.J. et al, Chan L.K.M.; Jenner, J.A.; Sage, I.C.
1988	3	249	lc	A 6-in. Diagonal Black-and-White Ferroelectric Panel	Dijon, J.; Ebel, C.
1988	4	255	lc	Large-Area Video-Rate Multicolor Ferroelectric LCD	Matsumoto, s. et al.
1988	4	259	lc	A 10-in.-Diagonal High-Resolution Active-Matrix Color LCD Module	Niki, K. et al.
1988	4	265	lc	A 5-in.-Diagonal Liquid-Crystal Color TV	Inoue, F. et al.
1988	4	275	prj	A 1075-Line Video-Rate Laser-Addressed Liquid-Crystal Light-Valve Projection Display	Trias, J. et al.; Merry, B.; Hubin, T.

1988	4	279	amd	Polycrystalline-Silicon LCDs with High-Speed Integrated Scanners	Faughnan, B.W. et al.
1988	4	283	amd	Low-Resistance Mo-Ta Gate-Line Material for Large-Area a-Si TFT-LCD	Dohjo, M. et al.
1988	4	295	amd	Dynamic Characteristics of a-Si TFT-Addressed LCDs	Miyata, Y. et al.
1988	4	301	el	Feasibility of a 40x40 cm <sup>2</sup> TFEL Display with 2000x2000 Lines Operating at 50W	Kuwata, J. et al.
1988	4	305	el	Bright White-Light EL Devices with New Phosphor Thin Films Based on SrS	Tanaka, S. et al.
1988	4	311	el	Red-Color ACTFEL Devices Using Sputtered CaS:Eu Thin Films	Ohnishi, H. et al.