

PAPERS BY BELL LABORATORIES AUTHORS

COMPUTING/MATHEMATICS

- Brainard R. C., Scattaglia J. V., **Programmable Test-Bed for Composite Television Coding.** *Smpte J* 91(10):906-911, 1982.
- Cleveland W. S., Devlin S. J., **Calendar Effects in Monthly Time-Series—Modelings and Adjustment.** *J Am Stat A* 77(379):520-528, 1982.
- Cleveland W. S., Harris C. S., McGill R., **Judgments of Circle Sizes on Statistical Maps.** *J Am Stat A* 77(379):541-547, 1982.
- Daubechies I., Klauder J. R., **Constructing Measures for Path-Integrals.** *J Math Phys* 23(10):1805-1822, 1982.
- Nikolakopoulou G. A., Edelson D., Schryer N. L., **Modeling Chemically Reacting Flow Systems. 2. An Adaptive Spatial Mesh Technique for Problems With Discontinuities and Steep Fronts.** *Comput Chem* 6(3):93-99, 1982.
- Willie J. S., **Covariation of a Time-Series and a Point Process.** *J Appl Prob* 19(3):609-618, 1982.
- Willie J. S., **Measuring the Association of a Time-Series and a Point Process.** *J Appl Prob* 19(3):597-608, 1982.
- Worrall B. M., Hall M. A., **The Analysis of an Inventory Control Model Using Polynomial Geometric-Programming.** *Int J Prod* 20(5):657-667, 1982.

ENGINEERING

- Alferness R. C., **Wave-Guide Electrooptic Modulators.** *IEEE Micr T* 30(8):1121-1137, 1982.
- Antler M., **Field Studies of Contact Materials—Contact Resistance Behavior of Some Base and Noble-Metals.** *IEEE Compon* 5(3):301-307, 1982.
- Chen C. Y., Bethea C. G., Cho A. Y., Garbinski P. A., **Temporal Resolution of an $Al_xGa_{1-x}As/GaAs$ Bias-Free Photodetector.** *Electr Lett* 18(20):890-891, 1982.
- Feuer A., Barmish B. R., **Instability of Optimal Aim Control—Reply (Letter).** *IEEE Auto C* 27(5):1140, 1982.
- Howard R. E., Jackel L. D., Swartz R. G., Grabbe P., Archer V. D., Epworth R. W., Hu E. L., Tennant D. M., Voshchenkov A. M., **Buried Channel MOSFETs With Gate Lengths From 2.5- μ m to 700- \AA .** *Elec Dev L* 3(10):322-324, 1982.
- Hwang J. C. M., Flahive P. G., Wemple S. H., **Performance of Power FETs Fabricated on MBE-Grown GaAs-Layers.** *Elec Dev L* 3(10):320-321, 1982.
- Lee T. P., Burrus C. A., Liu P. L., Dentai A. G., **High-Efficiency Short-Cavity InGaAsP Laser With One High-Reflectivity Mirror.** *Electr Lett* 18(19):805-806, 1982.
- Lemons R. A., Bosch M. A., **Electrically Amplified Optical-Recording.** *Elec Dev L* 3(9):254-255, 1982.
- Lin C., Tomita A., Tynes A. R., Glodis P. F., Philen D. L., **Picosecond Dispersionless Transmission of InGaAsP Injection-Laser Pulses at the Minimum Chromatic Dispersion Wavelength in a 27-km-Long Single-Mode Fiber.** *Electr Lett* 18(20):882-884, 1982.
- Logan R. A., Vanderziel J. P., Temkin H., Henry C. H., **InGaAsP/InP (1.3- μ m) Buried-Crescent Lasers With Separate Optical Confinement.** *Electr Lett* 18(20):895-896, 1982.
- Luryi S., Kazarinov R. F., **On the Theory of the Thermionic Emission Transistor. 2. TET as an Element of Logic-Circuits.** *Sol St Elec* 25(9):933-942, 1982.
- Luryi S., Kazarinov R. F., **Optimum Baritt Structure.** *Sol St Elec* 25(9):943-945, 1982.
- Martin R. D., Thomson D. J., **Robust-Resistant Spectrum Estimation.** *P IEEE* 70(9):1097-1115, 1982.
- Minford W. J., **Accelerated Life Testing and Reliability of High k-Multilayer Ceramic Capacitors.** *IEEE Compon* 5(3):297-300, 1982.

- Schiavone J. A., **Microwave Radio Meteorology—Diurnal Fading Distributions.** *Radio Sci* 17(5):1301–1312, 1982.
- Thomson D. J., **Spectrum Estimation and Harmonic-Analysis (Review or Bibliog.).** *P IEEE* 70(9):1055–1096, 1982.
- Troxel D. E., Schreiber W. F., Burzinski N. J., Matson M. D., **Interactive Enhancement of Tone Scale.** *Opt Eng* 21(5):841–846, 1982.
- Tsang W. T., Logan R. A., Ditzenberger J. A., **Ultralow Threshold, Graded-Index Wave-Guide, Separate Confinement, CW Buried-Heterostructure Lasers.** *Electr Lett* 18(19):845–847, 1982.
- Wong D. Y., Juang B. H., Gray A. H., **An 800 bit/s Vector Quantization LPC Vocoder.** *IEEE Acoust* 30(5):770–780, 1982.
- Luss H., **Operations-Research and Capacity Expansion Problems—A Survey (Review or Bibliog.).** *Operat Res* 30(5):907–947, 1982.

MANAGEMENT/ECONOMICS

- Guasch J. L., Weiss A., **An Equilibrium-Analysis of Wage Productivity Gaps.** *Rev Econ S* 49(4):485–497, 1982.
- Hakansson N. H., **Changes in the Financial Market—Welfare and Price Effects and the Basic Theorems of Value Conservation.** *J Finance* 37(4):977–1004, 1982.

PHYSICAL SCIENCES

- Ackerman J. R., Kohler B. E., Huppert D., Rentzepis P. M., **Radiationless Decay of 1,3,5,7-Octatetraene.** *J Chem Phys* 77(8):3967–3973, 1982.
- Alferness R. C., Buhl L. L., **High-Speed Wave-Guide Electrooptic Polarization Modulator.** *Optics Lett* 7(10):500–502, 1982.
- Allara D. L., **Analysis of Surfaces and Thin-Films By IR, Raman, and Optical Spectroscopy (Review or Bibliog.).** *ACS Symp S* 1982(199):33–47, 1982.
- Auston D. H., Smith P. R., **Picosecond Optical Electronic Sampling—Characterization of High-Speed Photodetectors.** *Appl Phys L* 41(7):599–601, 1982.
- Bean J. C., Rozgonyi G. A., **Patterned Silicon Molecular-Beam Epitaxy With Sub-Micron Lateral Resolution.** *Appl Phys L* 41(8):752–755, 1982.
- Bertz S. H., Dabbach G., **Factors Governing the Thermal-Stability of Organocopper Reagents—Two New Classes of Heterocuprates With Greatly Improved Thermal-Stability.** *J Chem S CH* 1982(18):1030–1032, 1982.
- Bhat R., Oconnor P., Temkin H., Dingle R., Keramidas V. G., **Acceptor Incorporation in High-Purity OMCVD Grown GaAs Using Trimethyl and Triethyl Gallium Sources.** *Inst Phys C* 1982(63):101–106, 1982.
- Bhat R., Keramidas V. G., **Comparative-Study of GaAs Grown by Organo-Metallic Chemical Vapor-Deposition (OMCVD) Using Trimethyl and Triethyl Gallium Sources.** *P Soc Photo* 323:104–109, 1982.
- Chabal Y. J., Rowe J. E., Poate J. M., Franciose A., Weaver J. H., **Stoichiometry and Structural Disorder Effects on the Electronic-Structure of Ni and Pd Silicides.** *Phys Rev B* 26(6):2748–2758, 1982.
- Chin A. K., Zipfel G. L., Mahajan S., Ermanis F., DiGiuseppe M. A., **Cathodoluminescence Evaluation of Dark Spot Defects in InP/InGaAsP Light-Emitting-Diodes.** *Appl Phys L* 41(6):555–557, 1982.
- Cone R. L., Ender D. A., Ottosen M. S., Fisher P. L., Friedman J. M., Guggenheim H. J., **Multiresonant 2-Photon-Absorption-Induced 4-Wave Mixing in Crystalline Rare-Earth Insulators.** *AIP Conf PR* 1982(90):471–477, 1982.
- Daniels J. M., Cladis P. E., Finn P. L., Powers L. S., Smith J. C., Filas R. W., Goodby J. W., Leslie T. M., **Polarization Absorption-Spectroscopy—Determination of the Direction and Degree of Orientation of Absorption Transitions.** *J Appl Phys* 53(9):6127–6136, 1982.
- Dentai A. G., Burrus C. A., Lee T. P., Campbell J. C., Copeland J. A., Oliver J. D., **LPE InGaAs/InP With N_D-N_A Greater-Than $5 \times 10^{14} \text{ cm}^{-3}$ for Photosensitive Devices.** *Inst Phys C* 1982(63):467–471, 1982.
- Donnelly V. M., Flamm D. L., Collins G., **Laser Diagnostics of Plasma-Etching—Measurement of Cl_2^+ in a Chlorine Discharge.** *J Vac Sci T* 21(3):817–823, 1982.

- Donnelly V. M., Karlicek R. F., **Development of Laser Diagnostic Probes for Chemical Vapor-Deposition of InP/InGaAsP Epitaxial Layers.** *J Appl Phys* 53(9):6399-6407, 1982.
- Dudderar T. D., Gilbert J. A., **Fiberoptic Measurement of the Deformation Field on a Remote Surface Using Numerically Processed White-Light Speckle.** *Appl Optics* 21(19):3520-3527, 1982.
- Dupuis R. D., Lynch R. T., Thurmond C. D., Bonner W. A., **Growth of InP by Metalorganic Chemical Vapor-Deposition (MOCVD).** *P Soc Photo* 323:131-136, 1982.
- Eisenstein G., Vitello D., **Chemically Etched Conical Microlenses for Coupling Single-Mode Lasers into Single-Mode Fibers.** *Appl Optics* 21(19):3470-3474, 1982.
- Fleury P. A., **(RS) Phase-Transitions, Critical Phenomena and Instabilities (Review or Bibliog.).** *Usp Fiz Nau* 138(1):129-145, 1982.
- Fork R. L., **Physics of Optical Switching.** *Phys Rev A* 26(4):2049-2064, 1982.
- Forrest S. R., Kaplan M. L., Schmidt P. H., Venkatesan T., Lovinger A. J., **Large Conductivity Changes in Ion-Beam Irradiated Organic Thin-Films.** *Appl Phys L* 41(8):708-710, 1982.
- Gallagher P. K., Gyorgy E. M., Jones W. R., **An Evolved Gas-Analysis Study of the Reduction of Nickel-Oxide by Hydrogen.** *J Therm Ana* 23(1-2):185-192, 1982.
- Gedanken A., Robin M. B., Kuebler N. A., **Non-Linear Photochemistry in Organic, Inorganic, and Organo-Metallic Systems.** *J Phys Chem* 86(21):4096-4107, 1982.
- Gibbs H. M., Jewell J. L., Moloney J. V., Targ S. S., Tai K., Watson E. A., Gossard A. C., McCall S. L., Passner A., Venkatesan T. N., **Switching of a GaAs Bistable Etalon—External Switching On and Off, Regenerative Pulsations, Transverse Effects, and Lasing.** *P Soc Photo* 321:67-74, 1982.
- Gibson J. M., Bean J. C., Poate J. M., Tung R. T., **The Effects of Nucleation and Growth on Epitaxy In the CoSi₂/Si System.** *Thin Sol Fi* 93(1-2):99-108, 1982.
- Ginsberg A. P., Lindsell W. E., Sprinkle C. R., West K. W., Cohen R. L., **Disulfur and Diselenium Complexes of Rhodium and Iridium.** *Inorg Chem* 21(10):3666-3681, 1982.
- Harrison T. R., Johnson A. M., Tien P. K., Dayem A. H., **NiSi₂-Si Infrared Schottky Photodetectors Grown by Molecular-Beam Epitaxy.** *Appl Phys L* 41(8):734-736, 1982.
- Heaven M. C., Clyne M. A. A., **Interpretation of the Spontaneous Predissociation of Cl₂[B³π(0_u)].** *J Chem S F2* 78(P8):1339-1344, 1982.
- Heaven M., Miller T. A., English J. H., Bondybey V. E., **Laser-Induced Fluorescence-Spectra of YAG-Laser Vaporized-SE₂.** *Chem P Lett* 91(4):251-257, 1982.
- Heimann P. A., Murarka S. P., Sheng T. T., **Electrical-Conduction and Breakdown in Oxides of Polycrystalline Silicon and Their Correlation With Interface Texture.** *J Appl Phys* 53(9):6240-6245, 1982.
- Huse D. A., **Tricriticality of Interacting Hard Squares—Some Exact Results.** *Phys Rev L* 49(16):1121-1124, 1982.
- Jackel J. L., Rice C. E., Veselka J. J., **Proton-Exchange for High-Index Wave-Guides in LiNbO₃.** *Appl Phys L* 41(7):607-608, 1982.
- Jackel J. L., Rice C. E., **Variation in Wave-Guides Fabricated by Immersion of LiNbO₃ in AgNO₃ and TiNO₃—The Role of Hydrogen.** *Appl. Phys L* 41(6):508-510, 1982.
- Jayarama A., Batlogg B., Maines R. G., Bach H., **Effective Ionic Charge and Bulk Modulus Scaling in Rocksalt-Structured Rare-Earth Compounds.** *Phys Rev B* 26(6):3347-3351, 1982.
- Jin B. J., Lin T. H., Chu C. W., Shen Y. S., **Magnetic Phase-Transitions in CrBe₁₂ Under High-Pressures.** *Phys Rev B* 26(7):3878-3881, 1982.
- Karlicek R. F., Donnelly V. M., Johnston W. O., **Laser Spectroscopic Monitoring of a Hydride Transport Vapor-Phase Epitaxy (VPE) Reactor.** *P Soc Photo* 323:62-66, 1982.
- Lax M. et al., **Non-Adiabatic Formulation for Radiationless Transitions Induced by Classical Lattice-Vibrations.** *Phys Rev B* 26(7):3547-3558, 1982.
- Leung S. Y., Schumake N. E., **Slider Induced Convection in Horizontal Liquid-Phase Epitaxy (LPE) System.** *P Soc Photo* 323:156-163, 1982.
- Levy N., **Analysis of an Epoxy Curing Reaction by Differential Scanning Calorimetry (Review or Bibliog.).** *ACS Symp S* 1982(197):313-327, 1982.

- Liao P. F., Stern M. B., **Surface-Enhanced Raman-Scattering on Gold and Aluminum Particle Arrays.** *Optics Lett* 7(10):483-485, 1982.
- Liminga R. et al., **Gamma-Lithium Iodate Structure at 515 K and the α -LiIO₃ to γ -LiIO₃ to β -LiIO₃ Phase-Transitions.** *J Chem Phys* 77(8):4222-4226, 1982.
- Liu P. L., **Bandwidth, Field Distribution, and Optimal Electrode Design for Wave-Guide Modulators.** *J Appl Phys* 53(10):6681-6686, 1982.
- Lloyd J. R., Nakahara S., **Formation and Growth of Voids and or Gas-Bubbles in Thin-Films.** *Thin Sol Fi* 93(3-4):281-286, 1982.
- Logan R. A., **Optical-Device Structures Grown by Liquid-Phase Epitaxy (LPE).** *P Soc Photo* 323:150-155, 1982.
- Lourenco J. A., **The Effect of LPE Growth Atmosphere on Thermal-Decomposition of (100) S-InP Substrates.** *J Cryst Gr* 59(3):563-566, 1982.
- Marra W. C. et al., **X-Ray-Diffraction Studies—Melting of Pb Monolayers on Cu(110) Surfaces.** *Phys Rev L* 49(16):1169-1172, 1982.
- McIlrath T. J., Freeman R. R., **Laser Techniques for Extreme Ultraviolet Spectroscopy (Editorial).** *AIP Conf Pr* 1982(90):1-8, 1982.
- Miller D. A. B., Chemla D. S., Eilenberger D. J., Smith P. W., Gossard A. C., Tsang W. T., **Large Room-Temperature Optical Nonlinearity in GaAs/Ga_{1-x}Al_xAs Multiple Quantum Well Structures.** *Appl Phys L* 41(8):679-681, 1982.
- Mills A. P., **Surface-Analysis and Atomic Physics With Slow Positron Beams.** *Science* 218(4570):335-340, 1982.
- Nakahara S., **Phenomenological Description of Thin-Film Inter-Diffusion.** *P Soc Photo* 346:39-46, 1982.
- Orenstein J., Baker G. L., **Photogenerated GaP States in Polyacetylene.** *Phys Rev L* 49(14):1043-1046, 1982.
- Oron M., Tamari N., Shirikman H., Burrus C. A., **Lasing Properties of InGaAsP Buried Heterojunction Lasers Grown on a Mesa Substrate.** *Appl Phys L* 41(7):609-611, 1982.
- Paek U. C., Peterson G. E., Carnevale A., **Effects of Depressed Cladding on the Transmission Characteristics of Single-Mode Fibers With Graded-Index Profiles.** *Appl Optics* 21(19):3430-3436, 1982.
- Pearsall T. P., Hermann C., **Direct Measurement of Alloy Disorder in Lattice-Matched Ga_xIn_{1-x}AsP_{1-y} Alloys (y \approx 2.2x).** *Inst Phys C* 1982(63):269-274, 1982.
- Petroff P. M., Gossard A. C., Logan R. A., Wiegmann W., **Toward Quantum Well Wires—Fabrication and Optical-Properties.** *Appl Phys L* 41(7):635-638, 1982.
- Pfeiffer L., Walstedt R. E., Bell R. F., Kovacs T., **Temperature-Dependence of the Orthorhombic Charge-Density-Wave Parameters in 2H-TaSe₂ by Se-77 Nuclear Magnetic-Resonance.** *Phys Rev L* 49(16):1162-1165, 1982.
- Phillips T. G., Dolan G. J., **SIS Mixers.** *Physica B&C* 110(1-3):2010-2019, 1982.
- Portal J. C., Nicholas R. J., Brummell M. A., Cho A. Y., Cheng K. Y., Pearsall T. P., **Quantum Transport in GalnAs-AlInAs Heterojunctions, and the Influence of Intersubband Scattering.** *Sol St Comm* 43(12):907-911, 1982.
- Powers L., **X-Ray Absorption-Spectroscopy Application to Biological Molecules (Review or Bibliog.).** *Bioc Biop A* 683(1):1-38, 1982.
- Presby H. M., **Geometric Measurement of Preform Rods and Starting Tubes.** *Appl Optics* 21(19):3528-3530, 1982.
- Revesz A. G., Wemple S. H., **The Optical-Properties of Noncrystalline Silicon and Si_{1-x}H_x Films.** *Phys St S-A* 72(2):721-729, 1982.
- Reynolds A. H., Straub K. D., Rentzepis P. M., **Picosecond Spectroscopy of Cu(II) Cytochrome-C.** *Biophys J* 40(1):27-31, 1982.
- Reynolds C. L., Tamargo M. C., Gaw C. A., **Influence of Cooling Rate on the Short-Time LPE Growth of the Active Layer in (Al,Ga)As DH Lasers.** *J Cryst Gr* 59(3):525-530, 1982.
- Rogovin D., Nagel J., **Quantum-Theory of the DC Josephson Effect—Static Tunneling Characteristics of Ultra-Small Josephson-Junctions.** *Phys Rev B* 26(7):3698-3732, 1982.
- Rosenbaum T. F., Rupp L. W., Thomas G. A., Chen H. S., Banavar J. R., Varma C. M., **Observation of Electron-Spin-Resonance Nonlinearities in a Spin-Glass (Letter).** *J Phys C* 15(27):L975-L979, 1982.
- Schneemeyer L. F., Miller B., **InP and CdS Photo-Anodes in Concentrated Aqueous Iodide Electrolytes.** *J Elchem So* 129(9):1977-1981, 1982.

- Schwartz G. P., Sunder W. A., Griffiths J. E., Gualtieri G. J., **Condensed Phase-Diagram for the In-As-O System.** *Thin Sol Fi* 94(3):205-212, 1982.
- Schwartz G. P., Griffiths J. E., Gualtieri G. J., **Thermal-Oxidation and Native Oxide Substrate Reactions on InAs and InXGa_{1-X}As.** *Thin Sol Fi* 94(3):213-222, 1982.
- Shay J. L., Schiavone L. M., Epworth R. W., Taylor D. W., **Performance of a 7-Segment Iridium Oxide Electrochromic Display.** *J Appl Phys* 53(9):6004-6006, 1982.
- Silfvast W. T., Wood O. R., **Recombination Lasers in the Vacuum Ultra-violet.** *AIP Conf PR1982(90):128-136*, 1982.
- Skocpol W. J., Jackel L. D., Hu E. L., Howard R. E., Fetter L. A., **One-Dimensional Localization and Interaction Effects in Narrow (0.1 μm) Silicon Inversion-Layers.** *Phys Rev L* 49(13):951-955, 1982.
- Skocpol W. J., Voshchenkov A. M., Howard R. E., Hu E. L., Jackel L. D., Epworth R. W., Fetter L. A., Grabbe P., Tennant D. M., **Preliminary Observation of 1-D Effects in Narrow Si MOSFET Structures.** *Physica B&C* 110(1-3):2105-2107, 1982.
- Stolen R. H., Botineau J., Ashkin A., **Intensity Discrimination of Optical Pulses With Birefringent Fibers.** *Optics Lett* 7(10):512-514, 1982.
- Temkin H., Joyce W. B., Chin A. K., DiGiuseppe M. A., Ermanis F., **Effect of p-n Junction Position on the Performance of InGaAsP Light-Emitting Diodes.** *Appl Phys L* 41(8):745-747, 1982.
- Tenan M. A., Hackwood S., Beni G., **Friction in Capillary Systems.** *J Appl Phys* 53(10):6687-6692, 1982.
- Unguris J., Seiler A., Celotta R. J., Pierce D. T., Johnson P. D., Smith N. V., **Spin-Polarized Inverse Photo-Electron Spectroscopy of Solid-Surfaces—Ni(110).** *Phys Rev L* 49(14):1047-1050, 1982.
- Vanderzi J. P., Tsang W. T., **Integrated Multilayer GaAs-Lasers Separated by Tunnel-Junctions.** *Appl Phys L* 41(6):499-501, 1982.
- Vandover R. B., Bacon D. D., Sinclair W. R., **Superconductive Tunneling Into NbN Deposited Near Room-Temperature.** *Appl Phys L* 41(8):764-766, 1982.
- Wagner W. R., Cho A. Y., **Al_{0.3}Ga_{0.7}P_{0.01}As_{0.99} GaAs-Laser Heterostructures Grown by Molecular-Beam Epitaxy.** *J Appl Phys* 53(9):6032-6036, 1982.
- Wang T. T., West J. E., **Polarization of Poly(Vinylidene Fluoride) by Application of Breakdown Fields.** *J Appl Phys* 53(10):6552-6556, 1982.
- Weber T. A., Stillinger F. H., **Dynamical Study of the H₅O₂⁺ + H₂O₂⁻ Neutralization Reaction Using the Polarization Model.** *J Chem Phys* 77(8):4150-4155, 1982.
- White J. C., Henderson D., **Anti-Stokes Raman Lasers.** *AIP Conf PR1982(90):117-127*, 1982.
- Woodruff D. P., Smith N. V., Johnson P. D., Royer W. A., **K-Resolved Inverse Photo-Electron Spectroscopy and its Application to Cu(001), Ni(001), and Ni(110).** *Phys Rev B* 26(6):2943-2955, 1982.

SOCIAL AND LIFE SCIENCES

- Chance B., Moore J., Powers L., Ching Y., **A Redox Equilibrator for the Preparation of Cytochrome-Oxidase of Mixed-Valence States and Intermediate Compounds for X-Ray Synchrotron Studies.** *Analyt Bioc* 124(2):239-247, 1982.
- Chance B. et al., **Synchrotron X-Ray Studies of Biological Preparations at Low-Temperatures With Optical Monitoring of Sample Integrity.** *Analyt Bioc* 124(2):248-257, 1982.
- Day M. C., Stone C. A., **Developmental and Individual-Differences in the Use of the Control-of-Variables Strategy.** *J Educ Psych* 74(5):749-760, 1982.
- Friedman J. M., Stepnoski R. A., Noble R. W., **Time-Resolved Resonance Raman Studies of Carp Hemoglobin.** *FEBS Letter* 146(2):278-282, 1982.
- Krauskopf J., Williams D. R., Heeley D. W., **Cardinal Directions of Color Space.** *Vision Res* 22(9):1123-1131, 1982.
- Weisstein N., Williams M. C., Harris G. S., **Depth, Connectedness, and Structural Relevance in the Object-Superiority Effect—Line Segments Are Harder to See in Flatter Patterns.** *Perception* 11(1):5-17, 1982.

