951 This Week in Science

Editorial
953 Materials Science: J. I. BRAUMAN

Letters
955 Textbook Controversy: P. C. Vitz; S. Sanderson • Homelessness: D. MECHANIC; P. B. FIELD; R. J. WYATT and E. DE RENZO

Perspective
959 Structure, Function, and Assembly of Membrane Proteins: E. Racker

News & Comment
962 The Dark Side of SDI • AAAS Briefing: Expanding Deserts, Shrinking Resources • Nuclear Tests Defended • AIDS Stresses Health Care in San Francisco • "We're Killing Our World"
965 Space Station Cost Estimates Double
966 Pilot Program Cuts Red Tape for Federal Grants
Briefing: Broader Public Role Sought in Biotechnology
967 "Competitiveness" Bill Goes to Congress • NSF to Formulate 5-Year Plan, Budget
968 Release of Soviet Dissidents Continues • Academy to Drop Issues Quarterly • DOD to Reassess Bioweapons' Risks

Research News
969 Four Legs Bad, Two Legs Good • Freed Hands or Enslaved Feet?
971 Glimpses of Solar Systems in the Making
973 Milankovitch Climate Cycles Through the Ages
974 Polyphosphoinositide Research Updated

Articles
1003 Optical Materials: A. M. GLASS
1010 The Art and Science of Microstructural Control: F. SPAEPEN
1015 Hierarchical Structure in Polymeric Materials: E. BAER, A. HILTNER, H. D. KEITH
1023 Artificially Structured Thin-Film Materials and Interfaces: V. NARAYANAMURTI
1029 Electronic Theory for Materials Science: H. EHRENREICH

Reports
1036 Functional Box-Counting and Multiple Elliptical Dimensions in Rain: S. LOVEJOY, D. SCHERTZER, A. A. TSonis
1038 Foam Structures with a Negative Poisson's Ratio: R. LAKES
1043 Bilirubin Is an Antioxidant of Possible Physiological Importance: R. STOCKER, Y. YAMAMOTO, A. F. MCDONAGH, A. N. GLAZER, B. N. AMES

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Cover  Artificial quantum box structure. Sketch (below) shows GaAs quantum boxes (in red) formed in molecular-beam-grown crystal by interdiffusion of surrounding layer areas. Photo (above) is image of boxes formed with their own luminescence in an electron microscope. The boxes are 1000 angstroms in size and are spaced 10 micrometers apart. See page 1023. [Figure prepared by A. C. Gossard and P. M. Petroff, AT&T Bell Laboratories, Murray Hill, NJ 07974]


1053 Isolation of an Olfactory cDNA: Similarity to Retinol-Binding Protein Suggests a Role in Olfaction: K.-H. Lee, R. G. Wells, R. R. Reed


1062 Apogeotropic Roots in an Amazon Rain Forest: R. L. Sanford, Jr.

1064 Relationship Between the c-myc Locus and the 6q− Chromosomal Aberration in Leukemias and Lymphomas: C. Barletta, P.-G. Pellicci, L. C. Kenyon, S. D. Smith, R. Dalla-Favera

1068 Absence of Significant Cellular Dilution During ADH-Stimulated Water Reabsorption: K. Strange and K. R. Spring

1070 Arginine Vasopressin as a Thyrotropin-Releasing Hormone: M. D. Lumpkin, W. K. Samson, S. M. McCann

**Technical Comments**


**AAAS Meetings**

1088 R&D Policies, Budgets, and Economic Competitiveness: Advance Registration Form; Hotel Reservation Form

**Book Reviews**

1090 Arms Control Verification, Verification, and The Verification Challenge, reviewed by B. E. Frilling • Ring Complex Granites and Anorogenic Magmatism, J. Gittins • Introduction to Experimental Particle Physics, C. Blocker • Hypatia's Heritage, A. H. Kohlitz • Books Received

**Software Reviews**

1093 Personal Bibliographic Databases: R. E. Wachtel

**Products & Materials**

1097 Flow Chart Software • Visual Stimulus System • Cell Culture System • Laboratory Freezer • Automatic Liquid Scintillation Counter • Nucleic Acid Purification Columns • HPLC Curve Resolution • 2-D Electrophoresis • Literature