## Editorial

1189 Frontiers in Computer Science

## Letters


## ScienceScope

1199 A boost for U.S. education standards; a blow for Arizona telescope project; etc.

## News & Comment

1200 The Foundations of Research | Can Big Science Claim Credit for MRI?
1203 Icy inferno: Researchers Plan Oil Blaze in Arctic | How to Scrub an Arctic Oil Spill
1205 Science Education: Where's the Beef?
1206 New Award Debuts at NIH
1206 Academy Panel Split on Greenhouse Adaptation

## Research News

1207 Listening to the Music of the Spheres
1208 Venus Caught in a Geologic Act?
1209 A Painless Route to Parallel Computing?
1210 Hydrex, the Cleanser That Thrives on Dirt | Pinning Down a Will-o'-the-Wisp
1212 Chemistry With a Thousand Faces: New Ways to Play With Clay | Turning Polymer Spaghetti Into Lasagna | Coopeting Nature's Own Nano-electronics | Bacterial Indigo Gives the Blues to Industrial Chemists
1214 Briefings: Stanford Surgeon to Stay—After All | Russian AIDS Puzzle | Early Quake Warning | New Chief for Women's Health | Slamming Natural Gas Into Petrol | Disney Discovers | Children Who Want to Bear Children | Let the Sun Shine In

## Articles

1227 New Approaches to Robotics: R. A. Brooks
1233 Instruction-Level Parallel Processing: J. A. Fisher and B. R. Rau
1242 Natural Language Processing: A. K. Joshi
1249 Computer Vision: Y. Aloimonos and A. Rosenfeld

## Research Article


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Cover Conversion of images into digital form is one aspect of computer vision. Once digitized, an image can be processed, manipulated, and interpreted. The matrix of numbers is the numerical representation of the light and dark regions within the square border around the woman’s eye. The articles in this issue survey developments in computer vision, robotics, parallel processing, and natural language processing. See editorial, page 1189, and articles, pages 1227 to 1254. [Cover by Julie Cherry; digital image of Sarah Bernhardt courtesy of Azriel Rosenfeld]

Reports


1266 Climatic Change in Tasmania Inferred from a 1089-Year Tree-Ring Chronology of Huon Pine: E. COOK, T. BIRD, M. PETERSON, M. BARBERTI, B. BUCKLEY, R. D’ARRIGO, R. FRANCY, P. TANS


1280 Cloning of Complementary DNA Encoding a Functional Human Interleukin-8 Receptor: P. M. MURPHY AND H. L. TIFFANY

1283 Viral Persistence in Neurons Explained by Lack of Major Histocompatibility Class I Expression: E. JOLY, L. MUCKE, M. B. A. OLDSTONE

1286 Modulation of Cardiac Sodium Channels by cAMP Receptors on the Myocyte Surface: L. A. SORBERA AND M. MORAD

1289 Autoassociation and Novelty Detection by Neuromechanics: W. J. DAUNICHT

Book Reviews

1293 Five Billion Vodka Bottles to the Moon, reviewed by F. D. Drake Olduvai Gorge, F. C. HOWELL • Books Received

Products & Materials

1299 Temperature Cycler • Protein Biotinylation System • DNA and RNA Probe System • Radial Arm Maze • Filter for Nucleic Acid Purification • Monoclonal Antibody Purification System • Dissolved Oxygen Probe • Literature
Editor's Summary

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