



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

- 1261 Imaging Powders with the Atomic Force Microscope: From Biominerals to Commercial Materials: G. FRIEDBACHER, P. K. HANSMA, E. RAMLI, G. D. STUCKY
- 1263 The Dark Side of Venus: Near-Infrared Images and Spectra from the Anglo-Australian Observatory: D. CRISP, D. A. ALLEN, D. H. GRINSPON, J. B. POLLACK
- 1266 Climatic Change in Tasmania Inferred from a 1089-Year Tree-Ring Chronology of Huon Pine: E. COOK, T. BIRD, M. PETERSON, M. BARBETTI, B. BUCKLEY, R. D'ARRIGO, R. FRANCEY, P. TANS
- 1268 Rel-Associated pp40: An Inhibitor of the Rel Family of Transcription Factors: N. DAVIS, S. GHOSH, D. L. SIMMONS, P. TEMPST, H.-C. LIOU, D. BALTIMORE, H. R. BOSE, JR.
- 1271 Cell Cycle Regulation of Histone H1 Kinase Activity Associated with the Adenoviral Protein E1A: A. GIORDANO, J. H. LEE, J. A. SCHEPPLER, C. HERRMANN, E. HARLOW, U. DEUSCHLE, D. BEACH, B. R. FRANZA, JR.
- 1275 Requirement of Microfilaments in Sorting of Actin Messenger RNA: C. L. SUNDELL AND R. H. SINGER
- 1278 Structure and Functional Expression of a Human Interleukin-8 Receptor: W. E. HOLMES, J. LEE, W.-J. KUANG, G. C. RICE, W. I. WOOD
- 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

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