Documentation and availability: The *CAOS* package consists of 38 source files and three data files and needs 2.6 Mbytes of hard disk to store them. The WordstarTM 6.0 documentation, program source codes and test examples are available free of charge for noncommercial users specifying the media or by e-mail from the authors (struta@irmias.ias.fra.cn.rit).

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Crystallographers

This section is intended to be a series of short paragraphs dealing with the activities of crystallographers, such as their changes of position, promotions, assumption of significant new duties, honours etc. Items for inclusion, subject to the approval of the Editorial Board, should be sent to The Executive Secretary, 2 Abbey Square, Chester CH1 2HU, England.

J. Appl. Cryst. (1994). 27, 862

The 1994 Bertram Eugene Warren Diffraction Physics Award of the American Crystallographic Association has been conferred on Professor **Michael J.** Bedzyk of Argonne National Laboratory and Northwestern University in recognition of his recent advances in the study of surfaces and interfaces through the use of variable-period standing waves.

The 1994 Martin J. Buerger Award of the American Crystallographic Association has been conferred on Professor **Philip Coppens** of the State University of New York at Buffalo in recognition of his pioneering roles in the development of diffraction methods for the accurate determination of electron density in molecules and transition-metal complexes, in the application of synchrotron radiation to problems in chemical crystallography, in developing methods for the analysis of modulated structures, and for studying the response of crystals to rapidly changing external perturbations.

Professor **Donald L. D. Caspar** of Brandeis University has been elected a member of the US National Academy of Sciences.

Professor Alajos Kálmán has been awarded the István Count Széchenyi Hungarian State Prize for his work on the X-ray crystallography of organic compounds of pharmaceutical importance.

Professor **Sung-Hou Kim** of the University of California at Berkeley has been elected a member of the US National Academy of Sciences.

Professor **Sir David Chilton Phillips**, Laboratory of Molecular Biophysics, University of Oxford, was created a Life Peer in the Queen's Birthday Honours list.

New Commercial Products

Announcements of new commercial products are published by the Journal of Applied Crystallography free of charge. The descriptions, up to 300 words or the equivalent if a figure is included, should give the price and the manufacturer's full address. Full or partial inclusion is subject to the Editor's approval and to the space available. All correspondence should be sent to the Editor, Dr A. M. Glazer, Editor Journal of Applied Crystallography, Clarendon Laboratory, University of Oxford, Parks Road, Oxford OX1 3PU, England. The International Union of Crystallography can assume no responsibility for the accuracy of the claims made. A copy of the version sent to the printer is sent to the company concerned. J. Appl. Cryst. (1994). 27, 862

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It plots both crystal structure and reciprocal lattice in either 3D clinographic or 2D projections. It is also useful for: bond drawing; wire-frame diagrams; multiplying cells; structure transformations; measuring a distance or angle between atoms or reciprocallattice points.

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It has a calculator for complex and vector analysis. Its functions include length of real- or reciprocal-lattice vector, angle between two real- or reciprocallattice vectors, electron and X-ray structure factors, Bragg angle.

IdealMicroscope allows users to tilt the diffraction pattern as the electron microscope does. So experimental diffraction patterns can be simulated and compared for identification of the crystal structure.

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