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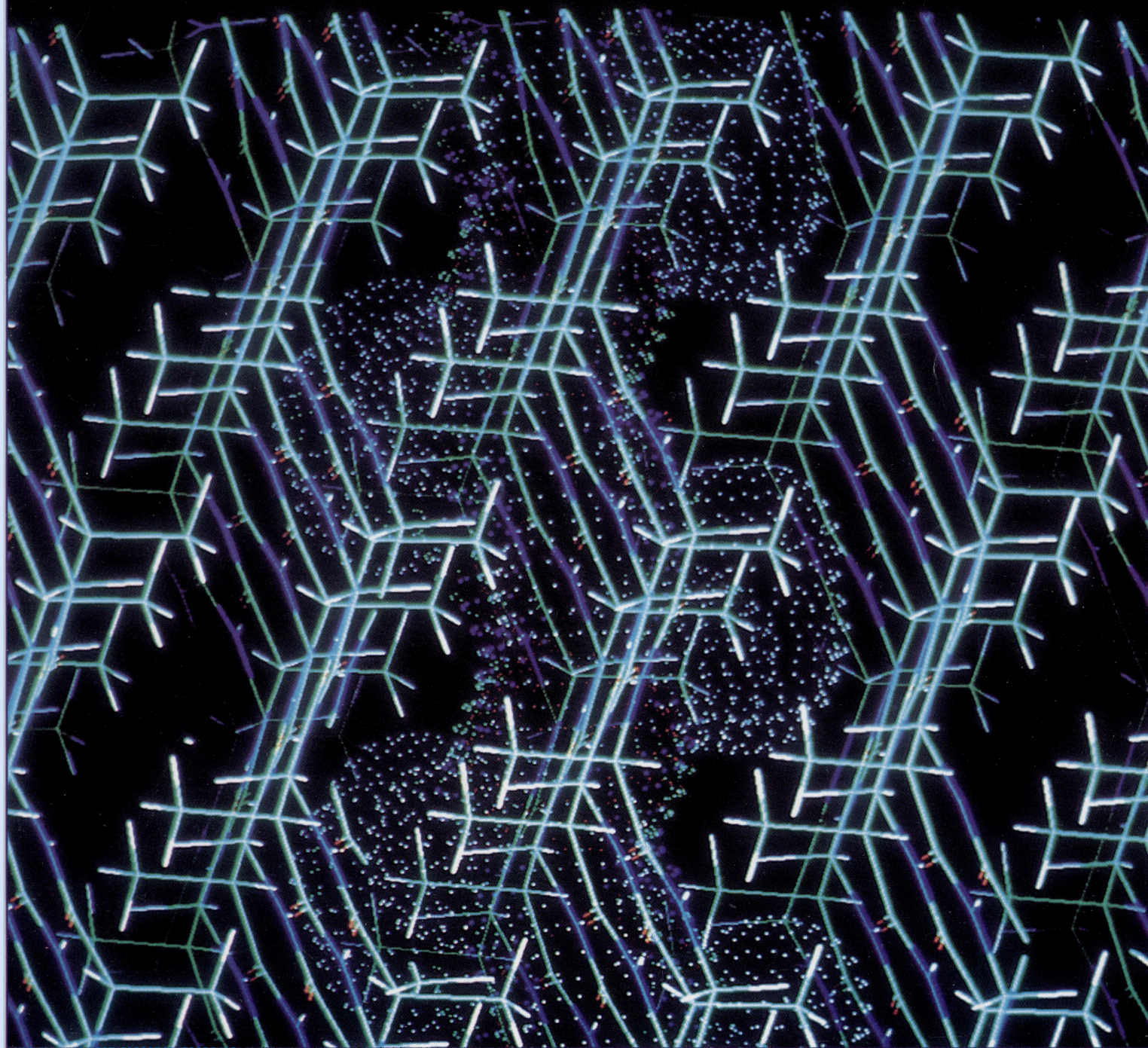
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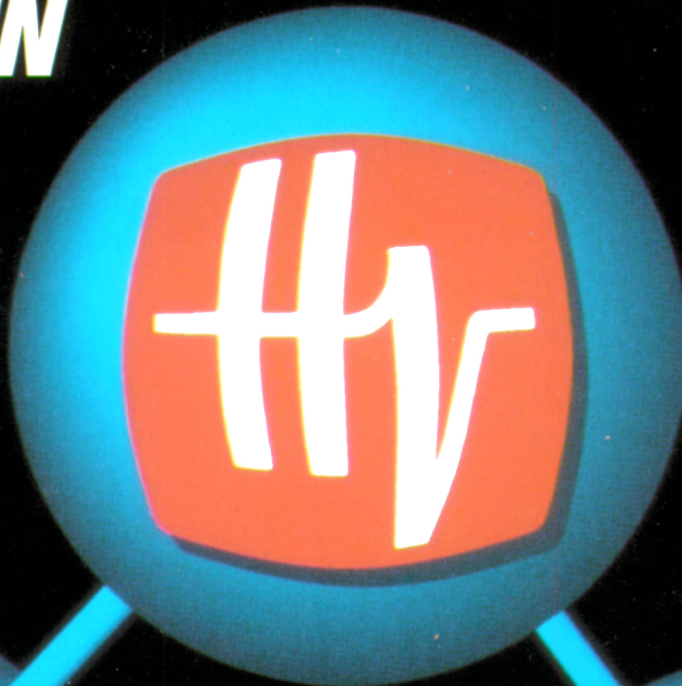
July 1991, Volume XVI, No. 7



Polymers: Novel Techniques



BEAMING IN ON THE USA



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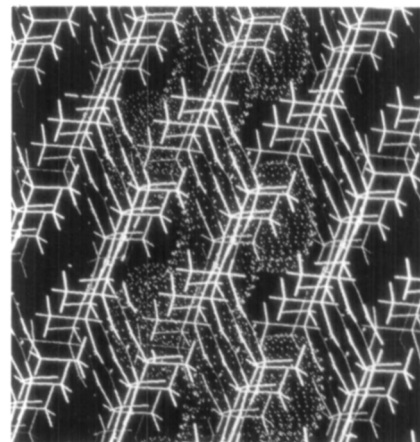
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ON THE COVER: Computer-generated image of stacked, folded β -sheets of an artificial periodic protein of sequence $\{(GlyAla)_3Gly-Glu\}_x$. The image was generated at the University of Massachusetts at Amherst on a Silicon Graphics Personal Iris Workstation running Biograf 2.1 software from Biodesign, Inc. Photo courtesy of E.D.T. Atkins, H.S. Creel, M.T. Krejchi, and F. Papadimitrakopoulos. See the articles beginning on p. 20 for more information about novel techniques for synthesizing and characterizing polymers.



About the Materials Research Society

The Materials Research Society (MRS), a nonprofit scientific association founded in 1973, promotes interdisciplinary goal-oriented basic research on materials of technological importance. Membership in the Society includes more than 10,000 scientists, engineers, and research managers from industrial, government, and university research laboratories in the United States and more than 40 countries.

The Society's interdisciplinary approach differs from that of single-discipline professional societies because it promotes information exchange across the many technical fields touching materials development. MRS sponsors two major international annual meetings encompassing approximately 50 topical symposia, and also sponsors numerous single-topic scientific meetings. The Society recognizes professional and technical excellence, conducts short courses, and fosters technical interaction in local geographic regions through Sections and University Chapters.

MRS participates in the international arena of materials research through the International Union of Materials Research Societies (IUMRS). MRS is an affiliate of the American Institute of Physics.

MRS publishes symposium proceedings, *MRS Bulletin*, *Journal of Materials Research*, and other publications related to current research activities.

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