NEWS & COMMENT

Defense Conversion Comes to Campus  
DOE Extends a Virtual Hand to Computer Industry  
NIH: Report Calls for Smaller Clinical Center  
How Not to Publicize a Misconduct Finding  
Education: Two New Graduate Schools Break the Japanese Mold  
SSC: A New Problem: Too Much Money

RESEARCH NEWS

Microwave Mappers Sweat Details  
Putting Questions to the Cosmic Background  
Cosmic Structures Fill Southern Sky  
IL-12 Holds Promise Against Cancer, Glimmer of AIDS Hope  
Mummy Sets TB Antiquity Debate  
NAE Elects New Members

DEPARTMENTS

THIS WEEK IN SCIENCE  
EDITORIAL  
Materials Science  
LETTERS  
Renovating Italian Science: D. Romagnolo and O. Selmin  
Quality of EPA Research: M. W. Golay; H. I. Miller; R. N. L. Andrews  
Memories of Uranium: M. C. Bourne  
The Odds of Retirement: S. M. Sigler

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1684
Large structures in the southern sky

1771
Genetic mapping of growth and fatness
A polyanhydride film viewed under cross-polarized light microscopy. Polyanhydrides can be designed to degrade within any length of time ranging from 1 day to 6 years by the alteration of their chemical composition. These bioerodible polymers are currently used in drug delivery devices for the treatment of brain cancer and other diseases. See page 1715. These polymers are among the materials discussed in the special section on Materials Science beginning on page 1698. [Photograph: E. Mathiowitz, J. Jacob, and D. Chickering]

Nonlinear Reactivity, Functional to Interfacial New Langmuir-Blodgett

ARTICLES
Functional Polymers and Dendrimers: Reactivity, Molecular Architecture, and Interfacial Energy J. M. J. Fréchet

New Challenges in Biomaterials N. A. Peppas and R. Langer

Adhesion: Molecules and Mechanics K. Kendall


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COVER

A polyanhydride film viewed under cross-polarized light microscopy. Polyanhydrides can be designed to degrade within any length of time ranging from 1 day to 6 years by the alteration of their chemical composition. These bioerodible polymers are currently used in drug delivery devices for the treatment of brain cancer and other diseases. See page 1715. These polymers are among the materials discussed in the special section on Materials Science beginning on page 1698. [Photograph: E. Mathiowitz, J. Jacob, and D. Chickering]

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