959  This Week in Science

Editorial  961  Soviet Science

Letters  963  Icosahedral Symmetry: L. Pauling; P. J. Steinhardt • Technology Transfer: W. T. Walton

News & Comment  965  R&D Budget Faces High Hurdles
969  FDA Queries Alzheimer’s Trail Results
Second Chance for Rice Research Center
970  Part of AIDS Virus Is Patented
971  AAAS Meeting: Science Smorgasbord with Snow: Perestroika and Soviet Science
Monsanto Marker Shows Promise in Field Test • Baltimore Attacks
“Professional Guardians of the Status Quo” • China and the Bomb • Using Forcets to Counter the “Greenhouse Effect” • A No-Fault Proposal for AIDS
High Risks • Bad Bees Buzz North; USDA Builds Barrier • Will Receding
Budget Strand Science?

Research News  975  Cell Growth Control Takes Balance
977  After the Fall
978  Making Mountains with Lithospheric Drips

Articles  985  Life Histories, Blood Revenge, and Warfare in a Tribal Population: N. A. Chagnon
992  Quantum Mechanics of a Macroscopic Variable: The Phase Difference of a
998  A Spatial-Temporal Model of Cell Activation: D. L. Alkon and H. Rasmussen

Research Articles  1005  A Persistent Untranslated Sequence Within Bacteriophage T4 DNA
Topoisomerase Gene 60: W. M. Huang, S-Z. Ao, S. Casjens, R. Orlandi,
R. Zeikus, R. Weiss, D. Wingè, M. Fang
A scanning tunneling microscopy image of a platinum-carbon replica of the ripple phase of dimyristoylphosphatidylcholine bilayers in water. The replicated surface can be best seen by turning the image 90° counterclockwise. Large ripples are spaced approximately 12 nanometers apart and are about 4.5 nanometers in amplitude. The image was taken by using a Nanoscope II digital STM at 1 nanoampere and 20 millivolts bias. See page 1013. [J. Zasadzinski et al., University of California, Santa Barbara, CA 93106]