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American Association for the Advancement of Science

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Big squeeze in Britain

Making gels by adding water

ISSN 0036-8075
16 FEBRUARY 1996
VOLUME 271
NUMBER 5251

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The isolated water pentamer adopts a ring structure, with each molecule acting as a single donor and single acceptor of a hydrogen bond. The average separation between oxygen atoms (red spheres) is 2.76 angstroms. Similar water pentagons are prominent structures in the dynamic hydrogen-bonding network revealed in computer simulations of liquid water, like that depicted in the background. See page 929 in the Special Section on clusters beginning on page 920, and a related Report (page 963). [Image: Tim Robinson, Chemistry Graphics Facility, University of California, Berkeley]

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Phenotypes of Mouse "diabetes" and Rat "fatty" Due to Mutations in the Leptin Receptor

Ligand Binding: Molecular Mechanics Calculations of the Streptavidin-Biotin Rupture Force
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Direct Visualization of A-, P-, and E-Site Transfer RNAs in the Escherichia coli Ribosome

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978 Neurons traveling in chains

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