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EDITORIAL

International Technical Assistance

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Meteorites and Craters of Campo del Cielo, Argentina: W. A. Cassidy et al. Field studies have thrown new light on a unique prehistoric encounter of a cosmic body with the earth.

Chemical Communication in the Social Insects: E. O. Wilson Insect societies are organized principally by complex systems of chemical signals.

The Financial Status of National Merit Finalists: R. C. Nichols The proportion of these students from low-income families is related to public support for education.

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Report from Europe: Technologically, the Atlantic Community Exists:

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COVER

Surging water under a sluice gate is simulated by computer calculations. The sequence of figures shows unre- touched computer output, illustrating early stages in the development of a hydraulic jump from a backward-breaking wave. Such numerical solutions of the full nonlinear, time-de- pendent Navier-Stokes equations make possible the detailed study of this and numerous other problems in fluid dynamics. See page 1092.
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