Editorial

Through the Bamboo Curtain

Articles

Study of Fast Events: W. G. Sykes

Very fine time resolution can be obtained with techniques used in research on explosives.


New surveying systems utilizing photogrammetry and electronics speed production of topographic maps.

The Brookhaven Medical Research Reactor: L. E. Farr

The first nuclear reactor designed specifically for medical research and therapy is described.

X-ray Emission from Television Sets: C. B. Braestrup and R. T. Mooney

The gonad dose to the population is evaluated on the basis of laboratory and field measurements.

Respiratory Carbon Dioxide Response Curve Computer: J. W. Bellville and J. C. Seed

It gives more complete alveolar ventilation-Pco2 response curves than could formerly be obtained.

A Simplified Microspectrophotometer: G. K. Strother and J. J. Wolken

Cadmium selenide cells are well suited for absorption microspectroscopy of pigments in living systems.

Electromagnetic Blood Flow Meters: A. Kolin

Implantable flow transducers facilitate circulatory studies in conscious and free-moving animals.

Science in the News

Diplomats Ponder Antarctica’s Future as Scientific Studies Are Resumed; British Science Attains Cabinet Status; Ochoa and Kornberg Win Nobel Prize

Book Reviews

R. K. Beardsley, J. W. Hall, R. E. Ward, Village Japan, reviewed by J. C. Pelzel;
other reviews

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Forthcoming Events; New Products

Directory of Advertised Products

Cover

Bullet penetrating a pane of glass. The framing sequence runs from bottom to top, left to right. This high-speed schlieren photograph was taken with a Cranz-Schardin camera by Pierre Naslin, Laboratoire Central de l’Armement, Paris, France. See page 1051.