

ology; Calcitonin and Parathyroid Hormone; Drugs and Uric Acid; Effects of Oral Contraceptives; Toxicology of Ethanol; Use of Cell Culture in Pharmacology; Isolation Techniques for Pharmacologically Active Substances (Animal); New Substances of Plant Origin which Increase Non-specific Resistance; *In Vivo* Therapy of Oncogenic Viruses; Allergy and Drug Sensitivity of Skin; Self-Administration of and Behavioural Dependence on Drugs; Duration of Local Anesthesia; and Review of Reviews.  
C. V. R.

**Technological Forecasting—An International Journal.** (American Elsevier Publishing Company, Inc., 52, Vanderbilt Avenue, New York, N.Y. 10017), 1969. Subscription Price: Vol. 1 (4 issues) \$ 22.00 + \$ 2.00 postage.

This new journal is intended for publication of articles which deal directly with the methodology and practice of technological forecasting as a planning tool, including the interrelationship of social, environmental, and physical factors affecting such forecasts.

The following contents of the first issue, Vol. 1, No. 1, June 1969, will give an idea of the scope of the journal: (1) Normative Technological Forecasting; (2) Aviation's Role in Future Transportation; (3) Action and Reaction; (4) SEER: A Delphic Approach Applied to Information Processing; (5) When is a Need a Need? The Problem of Normative Forecasting in a Changing Environment; (6) Technological Forecasting and the Autonomy of Technology; (7) The Organization of Technological Forecasting in the Soviet Union; (8) Planning of Production and Consumption in the U.S.S.R. (9) The Process of Making Forecasts; and (10) A Methodological Approach to the Integration of Technological and Social Forecasts.  
A. S. G.

**Physics.** By R. Resnick and D. Halliday. Part I. *Mechanics, Wave Motion and Heat*; Part II. *Electromagnetism, Optics and Quantum Physics.* (Wiley Eastern Private Ltd., J41, South Extension 1, New Delhi-3). Part I: Pp. 646 + 63; Part II: Pp. 647-1214 + 8. Price Rs. 13.50 each part.

This publication in two volumes will be a suitable text-book in Physics for undergraduate students. Part I on Mechanics, Wave Motion and Heat contains 25 chapters which include Vectors, Linear Kinematics, Particle Dynamics, Conservation of Energy and Momentum, Rotational Kinematics and Rotational Dynamics,

Gravitation, Fluid Dynamics, Wave Motion, Sound, Thermodynamics, Kinetic Theory, etc.

Part II on Electromagnetism, Optics and Quantum Physics contains 23 chapters which include Charge and Matter, Electric Field, Gauss's Law, Magnetic Properties of Matter, Electromagnetic Oscillations, Electromagnetic Waves, Nature and Propagation of Light, Spectra, Polarisation, Light and Quantum Physics, Waves and Particles.

It will be noticed that the selection of topics is in a traditional way. But the treatment is more unified than in ordinary text-books, and emphasis has been given to the relation between classical and modern theories. The fundamental principles are dealt at a mathematical level that assumes a concurrent course on elementary calculus.  
A. S. G.

**Fundamental Chemistry (Second Edition).** By D. H. Andrews and R. J. Kokes. (First published by Wiley Eastern; Reprint by Wiley Eastern Private Ltd., J41, South Extension 1, New Delhi-3). Pp. 811. Price Rs. 13.50.

This highly popular text-book on fundamental chemistry is now made available as a low-price edition so as to be within reach of all students of physics and chemistry undergoing degree courses in Indian Universities. It is needless to point out that the book provides an excellent introduction to modern chemistry. The treatment is clear and systematic, and there are numerous worked-out examples in the text and problems at the end of each chapter. The block figures and diagrams are highly instructive.  
A. S. G.

#### Books Received

**Farmers of India (Vol. IV)—Madhya Pradesh, Rajasthan, Gujarat, Maharashtra.** (Indian Council of Agricultural Research, Krishi Bhavan, New Delhi), 1969. Pp. xv + 317. Price Rs. 28.00.

**Remote Sensing of Environment (Vol. I, No. 1),** March 1969. (American Elsevier Publishing Co., Inc., 52, Vanderbilt Avenue, New York 10017), 1969. Pp. vii + 80. Subscription: Vol. I. \$ 28.00 plus postage \$ 2.00; Single copy including postage \$ 7.50.

**Purification of Inorganic and Organic Materials—Techniques of Fractional Solidification.** Edited by Morris Zief. (Marcel Dekker, Inc., 95, Madison Avenue, New York 10016), 1969. Pp. xvii + 318. Price not given.

**Physical Metallurgy of Iron and Steel.** By Rajendra Kumar. (Asia Publishing House, Calicut Street, Ballard Estate, Bombay-1), 1968. Pp. xvi + 456. Price Rs. 35.00.