R. PEPINSKY. Periodic Lattice Distortions.
L. A. SIEGEL. Molecular Rotation in $NaNO_3$ and NaCN.
J. J. LANDER. Polymorphism and Anion Rotational Oscillation of Alkaline Earth Carbonates.
T. NAGAMIYA & T. MATSUHARA. The Rotation of CN Radicals and the Phase Transition in NaCN and KCN.
I. NITTA, T. WATANABE & T. ODA. X-ray Investigations on Some Plastic Crystals.
I. NITTA, T. WATANABE & I. TAGUCHI. The Structure Irregularities in the Crystal of Aniline Hydrobromide.

Morphology, Habit, Twinning, Synthesis

J. D. H. DONNAY. Significance of the Space Group Deduced from Crystal Morphology.
J. GARRIDO. Pseudosymmetry and the Donnay-Harker Law.
D. HALE. Growth of Synthetic Quartz Crystals.
W. PARRISH. Detwinning Quartz.
W. A. WOOSTER, N. WOOSTER & L. A. THOMAS. Growth and Twinning of Quartz.
D. MCLACHLAN, JR & R. H. WOOLEY. A Motion Picture Demonstration of Thermal Action upon Models of Atomic Aggregates during Crystal Growth.
C. J. CALBICK. Electron Micrograph Study of External Form of Crystals of Carbonyl Nickel.
I. WALLER. Bond Energy and Elasticity Constants in Ion Lattices of the NaCl Type.
C. V. RAMAN. Relation between the Crystal Forms of Diamond and their Internal Birefringence Patterns.
G. N. RAMACHANDRAN. A Theory of Thermal Variation of the Refractive Indices of Crystals.
W. C. MCCRONE. Boundary Migration.
A. J. REIS. New Methods of Morphological Analysis and their Application to Phenomena of Crystal Synthesis.

New Developments in Structure Determination

P. J. G. DE VOS, C. J. B. CLEWS & W. COCHRAN. Aids to Analysis of Crystal Structure.
R. PEPINSKY. Electronic Computations for Crystal Structure Analysis.
J. S. KASPER. Phases of Fourier Coefficients from X-ray Data.
A. D. BOOTH. Relation between the Fourier Method and Steepest Descents.
A. L. PATTERSON. Ambiguities in the Diffraction Analysis of Structure.
C. H. MACGILLAVRY. On Patterson Transforms of Fiber Diagrams.
C. HERMANN. Some Principles and Results of Multi-dimensional Lattice Theory.

Supplementary Papers

R. FAIVRE. Symmetry Considerations Applied to Debye-Scherrer Patterns.
E. ONORATO. Struttura della Cobaltite.
A. BELLANCA. La Struttura dell' Eritrosiderite.
M. FORNASERI. Struttura della Teepleite.
G. CAROBBI. Isomorphism of Sr^{2+} with Hg^{2+}.

(2) In addition to the above papers the following lecture reviews were given:

J. D. BERNAL. Recent British Work on the Structure of Crystalline Proteins.
R. W. G. WYCKOFF. Electron Microscope Study of the Structure of Crystals.
C. G. SHULL. Recent Progress in Neutron Diffraction.

(3) At a banquet held on 2 August 1948 P. P. EWALD and M. VON LAUE gave informal addresses on the early history of X-ray crystallography.

(4) Throughout the period of the Congress there was an exhibition of American and British books, apparatus and other equipment of crystallographic interest. Opportunity was also provided for visits to the Departments of Harvard University and of the Massachusetts Institute of Technology, and to a number of industrial organizations in the Cambridge district. On 1 August 1948 a picnic was held on Ipswich Beach.

Notes and News

Announcements and other items of crystallographic interest will be published under this heading at the discretion of the Editorial Board. Copy should be sent direct to the British Co-editor (R. C. Evans, Crystallographic Laboratory, Cavendish Laboratory, Cambridge, England).

International Union of Crystallography

Notice of adhesion, dated 16 October 1948, has been received from Czechoslovakia through the Czechoslovak National Research Council. The Adhering Bodies are now:

Canada;
Czechoslovakia;
Norway;
United Kingdom;
United States of America.

Diamond Research Laboratory

An illustrated brochure describing the work of the Diamond Research Laboratory, recently established in Johannesburg to assist all branches of the international diamond industry, has been received from Industrial Distributors (1946) Ltd., 44 Main Street, Johannesburg, South Africa. Facilities are available at the Laboratory both for investigations on the immediate practical problems of the industry and for long-term theoretical researches. An Industrial Diamond Information Bureau, with offices at St Andrew's House, 32–34 Holborn Viaduct, London E.C. 1, England, has also been established to publish a monthly *Bibliography of Industrial Diamond Applications*. This periodical and other technical literature may be had gratis by scientific institutions and users of industrial diamonds.

Acta Crystallographica

The Title-page, Table of Contents and Index of Vol. 1 of *Acta Crystallographica* will be published as a loose insert in Part 1 of Vol. 2.