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Molecular Crystals and Liquid Crystals

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Spectroscopy of Molecular Crystals: A Bibliography for 1970

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Spectroscopy of Molecular Crystals: A Bibliography for 1970

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1. Introduction

The 1970 Bibliography continues the series of Bibliographies "Energy Transfer in Polyacene Solid Solutions" edited from 1957. The full list of these issues published during 1957-1969 is in *Molecular Crystals and Liquid Crystals*, **6**, 175 (1969). The 1969 Bibliography is published *ibid.*, **3-4**, 329 (1971). As the previous issue the 1970 Bibliography is made up on the basis of the bibliography-scientific work carried out in the Institute of Solid State Physics of the Academy of Sciences of the U.S.S.R.

In the 1970 Bibliography the classification of material is the same as in the previous one. In addition to the scheme, the papers concerning the investigations of the inelastic neutron scattering in crystals are selected in a separate section. Each year the investigations in this realm are intensively developing and are acquiring a greater significance. So far these investigations have been the only

direct method of determining of the dispersion laws and the density-of-state functions in phonon crystal spectra.

The arrangement of papers is the same as in the 1969 Bibliography. The references in each section are listed in alphabetical order of authors, and the language is indicated following the year. Where possible, references to Chemical Abstracts and Physical Abstracts are given. References to a few papers published in 1969 and not presented in the 1969 Bibliography are included in the Bibliography.

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5. Spectra of Pure Molecular Crystals

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6. Spectra of Impurity Molecular Crystals

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7. Exciton Problems of Molecular Crystals

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