

BOOK REVIEW

Inorganic Solid Fluorides - Chemistry and Physics.

Edited by P. Hagemuller, Academic Press Inc. 1985. US \$99.00

Professor Hagemüller has edited a most important volume which will be an absolute necessity for reading and consultation by all inorganic fluorine chemists, and by many solid state chemists and physicists. The range of authors is large and tends to reflect those working in Professor Hagemuller's sphere of research with the addition of chapters on biomineralisation, energy and industrial uses of fluorides but the core is very good and many chapters well deserve being on the reading list of advanced undergraduate courses. Topics covered include trends, preparative methods, structures, defects, high oxidation states, glasses, intercalation compounds, magnetism, conduction, electric and optical effects, magnetic resonance effects and Mössbauer spectroscopy.

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