

Book Review

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Managing Editor: Boschke, F. L. **Vol. 120, Hydrogen Bonds.** Guest Editor: Schuster, P. With contributions by Beyer, A.; Dyke, T. R.; Karpfen, A.; Sandorfy, C.; Schuster, P. 1984. 33 figs., 35 tabs. VII, 117 pages. 370 g Cloth DM 60.-; approx. US \$23.30

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This volume contains three papers about Hydrogen bonds in the vapor phase. Paper (1) revisits the era of the calculation of energy surfaces of Hydrogen bonds. This article suffers from omitted references. Paper (2) is a review about IR vibrational spectra on Hydrogen bonds in the gas phase. Characteristic spectroscopic properties of Hydrogen bonds are delineated. Paper (3) is a review about structural data of Hydrogen bonds from microwave spectroscopy. The papers (1) and (2) represent to a great extent extracts of some articles in "The Hydrogen Bond", Vols. I-III, North-Holland Publ. Comp., Amsterdam-New York, 1976. Paper (3) can be seen as a useful appendix to these volumes. The three collected papers are recommended to specialists in Hydrogen bonds.

R. Janoschek