6.6: Literature References

Literature references

1.	The electrostatic method used in this book for the interpretation of chemical binding is based on the Hellmann-Feynman theorem. The theorem was proposed independently by both H. Hellmann and R. P. Feynman. Feynman's account of the theorem anticipates many of the applications to chemistry including the electrostatic interpretation of van der Waals forces. R. P. Feynman, Phys. Rev. *56*, 340 (1939).
2.	The wave functions used in the calculation of the density distributions for H_2 were determined by G. Das and A. C. Wahl, J. Chem. Phys. *44*, 87 (1966). These wave functions include configuration interaction and hence provide suitable descriptions for the H_2 systems for large values of the internuclear separation. The wave functions for He_2 are from N. R. Kestner, J. Chem. Phys. *48*, 252 (1968).