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## APPENDIX

List of Published and communicated papers.

1. S. Acharyya, I.L. Saha, A.K. Datta and A.K. Chatterjee: The Role of Column Calibration Factor in the study of Temperature Dependence of Thermal Diffusion Factor of Hydrogenic Trace Mixtures with Helium : J. Phy. Soc. (Japan) 56 (1987) 105-114 (Reprint attached)
2. I.L. Saha, A.K. Datta, A.K. Chatterjee and S. Acharyya: Composition Dependence and Inversion of  $\alpha_T$  of  $N_2 - CO$  Gas Mixtures. J. Phy. Soc. (Japan) 56 (1987) 2381 (Reprint attached)
3. A.K. Datta and S. Acharyya : Thermal Diffusion of Hydrogenic Trace Mixtures with Helium by Column Calibration Factor : Communicated to Indian J. Pure and Appl. Phy., C.S.I.R. (New Delhi)
4. A.K. Datta and S. Acharyya : Thermal Diffusion Factors of Inert Gas Mixtures of Natural Isotopic Abundances in terms of Column Calibration Factor. Communicated to J. Phy. B. (London) (Atomic and Molec. Phy.)
5. A.K. Datta, G. Dasgupta and S. Acharyya : Column Calibration Factor to study the Composition Dependence of  $\alpha_T$  of Inert Gas Mixtures : Communicated to Phy. Soc. (Japan).