

R E F E R E N C E S :

- Abromovitz M. And Stegun I. A. (1970) : Handbook of Mathematical function (Dover Publications, Inc. NY).
- Bates D. R. (1962) : Atomic and Molecular processes (Ed. D. R. Bates , Academic press, NY)
- Bell K. L. and Kingston A.E. (1974) : Adv. Atomic and Molecular Physics 10 , 53.
- Blum K. and Burke P.G. (1975) : J.Phys. B At.Mol.Phys. 8 ,L 410.
- Bransden B.H. and Mc Dowell M.R.C. (1977) : Phys. Rep.30 C 207.
- Bransden B.H. and Mc Dowell M.R.C. (1978) : Phys. Rep. 46 C 249.
- Bromberg J.P. (1974) : J.Chem. Phys. 61 ,963; J. Chem. Phys. 50 , 3906 (1969).
- Burke P.G. and Williams J.E. (1977) : Phys.Rep. 34 C 325.
- Burke P.G. (1979) : At. Mol.Phys. 15 ,471.
- Byron F.W. Jr, Joachain C.J. and Potuliage R.M. (1982) J.Phys. B 15 , 3915.
- Byron F.W. Jr and Joachain C.J. (1973) Phys. Rev.A 8,1267 ; (1973) Phys. Rev. A 8 1267 ; (1974) ibid 9 2559 ; (1977a) J.Phys.B 10 207; (1977b) Phys.Rev A 15 ,428.
- Clementi E. and Roetii G (1974) : At. data Nuclie data tables 14 No. 3 -4.
- Crooks G.B. and M.E. Rudd , Bull. Am. Phys. Soc. 17 ,131 (1972)
- Chamberlain G.E., S.R.Mielczarek, and C.E. Kuyatt, Phys. Rev. A, 2, 1905 (1970)

- Cox H.L. and Bonham R.A.(1967) : J. Chem. Phys. 47 ,2599.
- de Heer F.J., Mc Dowell M.R.C. and Wagner R.W. (1977) : J.Phys B 10 , 1945.
- Devarajan Thirumalai and Donald G. Truhlar (1982) : Phys. Rev. A 27 , 158.
- Deverajan Thirumalai and Donald G. Truhlar (1982) : Phys. Rev. A 26 , 793.
- D.F.C. Brewer , W.R. Newell , S.F.W. Harper and A.C.H. Smith (1981) : J.Phys. B : At.Mol.Phys. 14 , L749.
- Du Bois R.D. and Rudd M.E. (1976) : J.Phys. B,At.Mol.Phys. 9 , 2657.
- E.A. Garbaty and R.W. Labahn (1971) : Phys. Rev. A 4 , 1425.
- F.J. de Heer , R.H.J. Jansen and W. Van der Kaay (1979) : J.Phys. B , At.Mol. Phys. 12 , 979.
- Furness J.B. and Mc Carthy I.E. (1973) : J.Phys.B 6 ,2280.
- Gien T.T. (1981) : J.Chem. Phys. 74 , 3285.
- Glauber R.J. (1959) : Lectures in theoretical Physics Interscience.
- Gradshteyn I. S. and Ryzhik I.M. (1965) : Tables of integrals, series and products, Academic press.
- Grazyna Staszewska , David W. Schwenke , Deverajan Thirumalai and Donald G. Truhlar (1983) : Phys. Rev. A 28 , 2740.
- Greory and Fink (1974) : At. Data Nucl. data Tables 14 , 39 ; (1975) J.Phys. B 8 L 310.

- Jansen R.H.J. , de Heer F.J. , Luyken H.J. , Wingerden B Van and Blauw H.J. (1976) : J. Phys. B 9 ,185.
- Jhanwer B.L. and Khare S.P. J.Phys. B 11 No. 5 (1978), 887.
- Jhanwer B.L., Khare S.P. and Kumar A. : J.Phys. B (1978): At.Mol.Phys. 11
- Jhanwer B.L., Khare S.P. and Singh M.P. (1978a) Prog. Theor. Phys. 59 1 ; (1982) J. Phys. B 11 , 4239.
- Joachain C.J. (1975) : "Quantum Collision Theory" , North Holland Publishing Company Ltd. Oxford; (1980) Atomic and Molecular Processes in Controlled Thermonuclear Fusion ed. by M.R.C. Mc Dowell and A.M. Ferendeci (Plenum press NY) 147; (1977) Comm. At Mol. Phys. 6 , 69.
- K. Jost, M. Fink and P.Herrmann, Phys. Rev. A 1 277 (1973).
- Kaushik Y.D., Khare S.P. and Kumar A. (1983) : J.Phys. B 16 3609.
- Kaushik Y.D. , Khare S.P. and Raj D.(1982) : Ind. Jr. Pure and Appl. Phys.20 , 446.
- Kusum Lata (1984) : Ph.D. thesis , Meerut University, Meerut, India..
- Kunijo Onda and Donald G. Truhlar, Phys. Rev. A Vol.22 , 1 (1979), 88.
- Massey H.S.W. and Burhop E.H.S. (1969) : "Electronic and Ionic Impact Phenomena" (Clarendon, Oxford) Vol. 1, Vol.2.
- Mc Carthy I.E.,Noble C.J.,Philips
- Moisiwitsch B.L. and Smith S.J. (1968) : Rev. Mod.Phys. 40 238.
- Mott N.F. and Massey H.S.W. (1965) : " Theory of Atomic Collisions" (Oxford).

- R.P. Mc Kachran and A.D.Stauffer J.Phys. At.Mol.Phys. B 16, (1983), 4023.
- R.H.J. Jansen , F.J. de Heer, H.J.Luyken , B. Van Wingerden (1976) : J.Phys. B. At.Mol. Phys. 9 , 185.
- R.W. Wagenaar and F.J. de Heer (1980) : J.Phys. B At.Mol. Phys. 13 , 3855.
- S.Y. Yousif and J.A.D. Matthew (1986) : J.Phys. B At.Mol.Phys. 19 , 3305.
- Tayal S.S. (1983) Pramana 20 451 ; (1984) Can. J. Phys. 62 198.
- Tayal S.S., Tripathi A.N. and Srivastava M.K. (1979) J.Phys. B 12 L 167 ; (1980) Phys. Rev. A 22 782; (1981) ibid 24 1817.
- Vandepoorten R. (1975) J. Phys. B 8 926 ; (1976) J. Phys. B 9 L535
- W. C. Fon and K.A. Berrington (1981) : J.Phys. B At.Mol. Phys 14 , 323.
- Williams J.F. and Crowe A. (1975) : J.Phys. B (GB) 8 , 2191 ; (1976) J. Phys. B 9 1529.
- Willamas W. and Trajmar S. (1978) J. Phys. B 11 2021.
- W.E. Kaupilla ,T.S.Stein, J.H.Smart, M.S.Dababneh, Y.K.Ho, J.P. Downing and V.Pol. (1981) : Phys. Rev. A 24 , 725.
- Yates A.C. (1973) :Chem.Phys.Lett. 21 37; (1974) Phys.Lett. 25, 489 ; (1979) Phys.Rev A 19 ,1559.
- Y.D. Kaushik , Khare S.P. and Deo Raj (1982) : Ind. Jr. of Pure Appl. Phys. 22 , 466.