

Research Publications 2009-2010

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3. High temperature and pressure thermodynamics of strontium: A macroscopic approach. N.K. Bhatt, P.R. Vyas and A.R. Jani.; Phil. Magazine **90** (2010) 1599-1622.
4. Electrical transport properties of liquid Sn-Sb binary alloys. B.Y. Thakore, P.H. Suthar, S.G. Khambholja and A.R. Jani.; AIP Conference Proceedings **1249** (2010) 170-173.
5. Electrical transport properties of liquid Al-Cu alloys. B.Y. Thakore, S.G. Khambholja, P.H. Suthar and A.R. Jani.; AIP Conference Proceedings **1249** (2010) 194-197.
6. Collective modes and elastic constants of liquid Al₈₃Cu₁₇ binary alloy. B.Y. Thakore, S.G. Khambholja, P.H. Suthar, N.K. Bhatt and A.R. Jani.; Chinese Physics Letters **27(9)** (2010) 096203.
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11. Positron scattering and ionization of neon atoms: Theoretical investigations. Harshit Kothari & K. N. Joshipura.; Chinese Physics B **19** (2010) 103402 (1-6).
12. Quantum Chemical studies on Crystal Structures of Sulfacetamide and Sulfasalazine. U. H. Patel and Sahaj A. Gandhi; Indian Journal of Pure and Applied Physics **49** (2010) 263-269.
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14. IR spectroscopy of CTCs of elastin. Pravisinh I. Rahod, Ketan Dodia, Vishal Patel and A.T.Oza.; Prajna-SPU Res. Jour **18** (2010) 136-139.
15. Radiative transitions, two photon and two gluon decays of heavy quarkonia. Arpit Parmar, Bhavin Patel and P C Vinodkumar.; Nuclear Physics A **848** (2010) 299.
16. Complex Scattering Potential-CSP-ic for TICS on electron impact. M. Vinokumar, K. Korot and P.C.Vinodkumar. EPJ D **59** (2010) 379.
17. Quark-diquark model description for double charm baryons. A.Majethiya, B.Patel and P.C.Vinodkumar.; Chinese Physics C **34** (2010) 1399.
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31. Current transport characteristics of pSe-nMoSe₂ heterojunction diode. C. K. Sumesh, K. D. Patel, V. M. Pathak, R. Srivastava.; Eur. Phys. J. Appl. Phys. **52** (2010) 30302.
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