

LIST OF PUBLICATIONS

1. A.C. Sharma and Aruna Bajpai, "Conductivity of Quantum wire structure", *"Physics of Semiconductor Nanostructures"*, (ed.) by K.P.Jain (Narosa Pub., New Delhi) pp.139 (1997).
2. Aruna Bajpai and A.C Sharma, "Static conductivity of a quantum wire system", *Solid State Phys. (India)* 40C, 377 (1997).
3. Aruna Bajpai and A.C. Sharma, "Propagation of transverse electromagnetic waves in semiconductor superlattice", *Solid State Phys. (India)* 41, 501 (1998).
4. A.C. Sharma and A. Bajpai, "Dynamical conductivity of semiconductor superlattices", *Proc. K.S. Krishnan birth century on Condensed Matter Phys. (ed.) B.K. Agrawal (World Sci. Pub.)* (1999).
5. Aruna Bajpai and A.C. Sharma, "Conductivity of low dimension systems", *Pramana J. Phys.* (comm.) (May 1999).
6. A.C. Sharma and Aruna Bajpai, "Dynamical conductivity of type-I semiconductor superlattices", *Superlatt. And Microstruct.* (comm.) (April 1999).
7. A.C. Sharma and Aruna Bajpai, "Dynamical conductivity of type-II semiconductor superlattices", (to be communicated).
8. A.C. Sharma and Aruna Bajpai, "Dynamical conductivity of quantum wire system", (to be communicated).