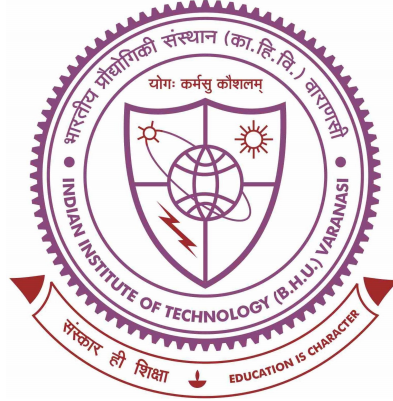


Dynamics and phases of active nematics, active Brownian particles with inhomogeneity and particle in Lorentz lattice gas



Thesis submitted in partial fulfillment for the Award of Degree

Doctor of Philosophy

by

SAMEER KUMAR

DEPARTMENT OF PHYSICS

INDIAN INSTITUTE OF TECHNOLOGY

(BANARAS HINDU UNIVERSITY)

VARANASI - 221005

ROLL NUMBER: 16171501

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