

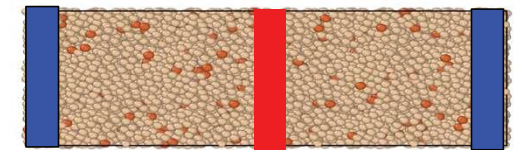
Analysis of Thermal Transport in Disordered Systems

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Purpose Understand the effect of impurities in a-Si

Outline NEMD simulation of Impurities in a-Si

Result Suppression of Thermal Conductivity due to Impurities



● Si ● Si (heavy) [Mass of Fe]

Computing system:	SQUID General Purpose CPU nodes
node-hour	15 node-hour
Software	LAMMPS
parallelize	152 nodes

