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Turkish Journal	Molecular Dynamics Simulations of Super Heated Ni ₄ Cluster
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	<u>Abstract:</u> The fragmentation mechanism of the super heated Ni4 cluster is studied by employing the microcanonical molecular dynamics simulations and an empirical model potential. Ni ₄ cluster is heated
Keywords Authors	up above the bulk Ni evaporation point temperature and then classical trajectory analysis as well as RRK theory are used to calculate survival probability, evaporation rate, average kinetic energy release and dissociation energy.
	Key Words: microcanonical molecular dynamics, cluster fragmentation.
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