

Erratum: Nucleation of Solids in Solids: Ferrites and Martensites [Phys. Rev. Lett. 91, 045502 (2003)]

Madan Rao and Surajit Sengupta

(Received 18 September 2003; published 10 November 2003)

DOI: 10.1103/PhysRevLett.91.209901

PACS numbers: 81.30.Kf, 81.30.-t, 64.70.Kb, 64.60.Qb, 99.10.Cd

Subsequent to the publication of our manuscript we discovered a small numerical error in the phase diagram presented in Fig. 1 of the manuscript, which essentially amounts to a rescaling of the temperature axis by a factor of half. The recalculated phase diagram is reproduced below. The activation energy for vacancy diffusion $A(v_3) = 0.7$ is also half the value quoted in our Letter. All other conclusions of our Letter are unaffected by this rescaling.

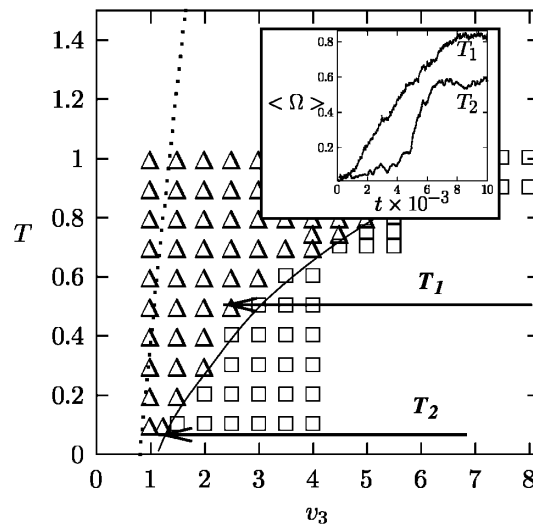


FIG. 1. Equilibrium phase diagram for $N = 2499$ at $\langle \rho \rangle = 1.05$, showing the square (\square) and triangle (\triangle) phases separated by a phase boundary (dark line). Arrows T_1 and T_2 are the constant temperature transformation protocols into the region where square is metastable (bounded by dotted line [6]). Inset: typical $\langle \Omega \rangle$ versus t from two runs following the two transformation protocols.