

Solid-phase types of oxyhydrate gel caustics

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Abstract

Crystallographic variety of gel sample oxyhydrates of heavy and rare earth elements synthesized in very close repeatability conditions have been identified; a variety of crystallographic types of caustics has been defined. Formation of a complex combination gel products cut evidence for the proposed mechanism of symmetrization of gel system during its inception in the background of stochastic resonance. The phase space of the oxyhydrate Hamiltonian system has areas within which there is a movement with stirring and, moreover, this mixing is of periodic character.