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Turkish Journal	Critical State Models for Intergrain Junctions of Polycrystalline Superconductors by Third Harmonic ac Susceptibility Measurements
of	
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Keywords Authors	Abstract: High harmonic response of high-T _c and Chevrel-phase polycrystalline superconductors are
	measured in the presence of small ac excitation field and dc magnetic field applied on it. The aim of this
	work is to study the Josephson weak link behavior and compare the two systems in order to understand
	the granular nature of polycrystalline superconductors. Critical state models are used to explain the
	nonlinear magnetic response in polycrystalline superconductors.
	Key Words: Low field, Josephson junction, Critical state models
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