

COMPOSITION DEPENDENCES OF FMR
PARAMETERS IN GRANULAR
(Fe₂₀Ni₈₀)_x Ag_{1-x} FILMS

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FMR study was carried out for the system (Fe₂₀Ni₈₀)_x Ag_{1-x} in a wide range of the magnetic component concentration $0.079 < x < 0.85$. The experimental data for low x values are described on the basis of a simple model of the grain system. In this model, it is assumed that separate magnetic grains have some uniaxial anisotropy (or the shape of uniaxial ellipsoids), and they do not touch each other but are connected through the dipole-dipole interaction.