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Theory of FICDW-FISDW Phases in Organic Superconductors
NATALIA BAGMET, Landau Institute, ANDREI LEBED, Dept. of Physics, University of Arizona — We present analytical theory of magnetic Field-Induced Charge-Density-Wave(FICDW) phases (which takes into account FICDW/FISDW mixing effects) and calculate metal-FICDW/FISDW phase transition temperature. We compare our theoretical results with experiments on observations of FICDW/FISDW mixed phases (by Brooks's and Kartsovnik's groups) which appear at low temperatures in inclined magnetic fields in low-dimensional conductor alpha-(ET)2KHg(SCN)4 .

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