Chiral d-wave superconductivity in the heavy fermion compound
\( \text{CeIrIn}_5 \) ADITYA RAGHAVAN, KAZUMI MAKI, STEPHAN HAAS, University of Southern California — A recent experiment by Shakeripour et al indicates that the superconductivity in heavy fermion compound \( \text{CeIrIn}_5 \) is very different from the one in \( \text{CeCoIn}_5 \). We have re-examined their data and concluded that it belongs to the chiral d-wave SC or \( \Delta(\vec{k}) \sim e^{\pm i\phi} \cos(ck_z) \).