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Nature of a possible FFLO state in CeCoIn₅ as revealed by NMR.
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GHMFL, Grenoble, France, GEORG KNEBEL, GERARD LAPERTOT, JACQUES
FLOUQUET, SPSMS, CEA, Grenoble, France — We report low temperature ¹¹⁵In
nuclear magnetic resonance (NMR) measurements of the heavy-fermion supercon-
ductor CeCoIn₅ in high magnetic fields. We will discuss the implications of our
findings for the nature of a possible inhomogeneous superconducting state, the Fulde-
Ferrell-Larkin-Ovchinnikov (FFLO) state, in this compound.

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