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**Upper Critical Field Calculations in p-Wave Triplet Ferromagnetic Superconductors** CHRISTOPHER LÖRSCHER, RICHARD KLEMM, University of Central Florida — We report  $H_{c2}(T)$  calculations for novel triplet ferromagnetic superconductors using a uniaxially anisotropic pairing interaction, obtained by means of the linearized Gor'kov gap equation. In addition to the intrinsic anisotropy of the p-wave states, we also include effective mass anisotropies in our calculations. We investigate the  $H_{c2}(T)$  phase diagrams for several combinations of anisotropy, leading to novel  $H_{c2}(T)$  properties, including upward curvature. We discuss the relevance of our results to experiments on UCoGe.

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