Abstract Submitted
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Computing vortex states with Dirac constraints[1] P.J. MORRISON, The University of Texas at Austin, G.R. FLIERL, Massachusetts Institute of Technology — A procedure for calculating vortex states that uses Dirac constraint theory will be described. Several examples will be given, including V-states, rigidly rotating m-fold symmetric vortex patches. The technique is general and applies to both non-convex and convex contours, and both barotropic and baroclinic vortex dynamics.

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