

Figure 1: The M3D-C¹ code is being benchmarked by computing unstable modes in a circular cross section toroidal plasma. Shown are eigenmodes of ψ for (a) $n=1$ (b) $n=2$, and (c) $n=3$. In (d) is the unstructured mesh superimposed on the equilibrium resistivity contours.

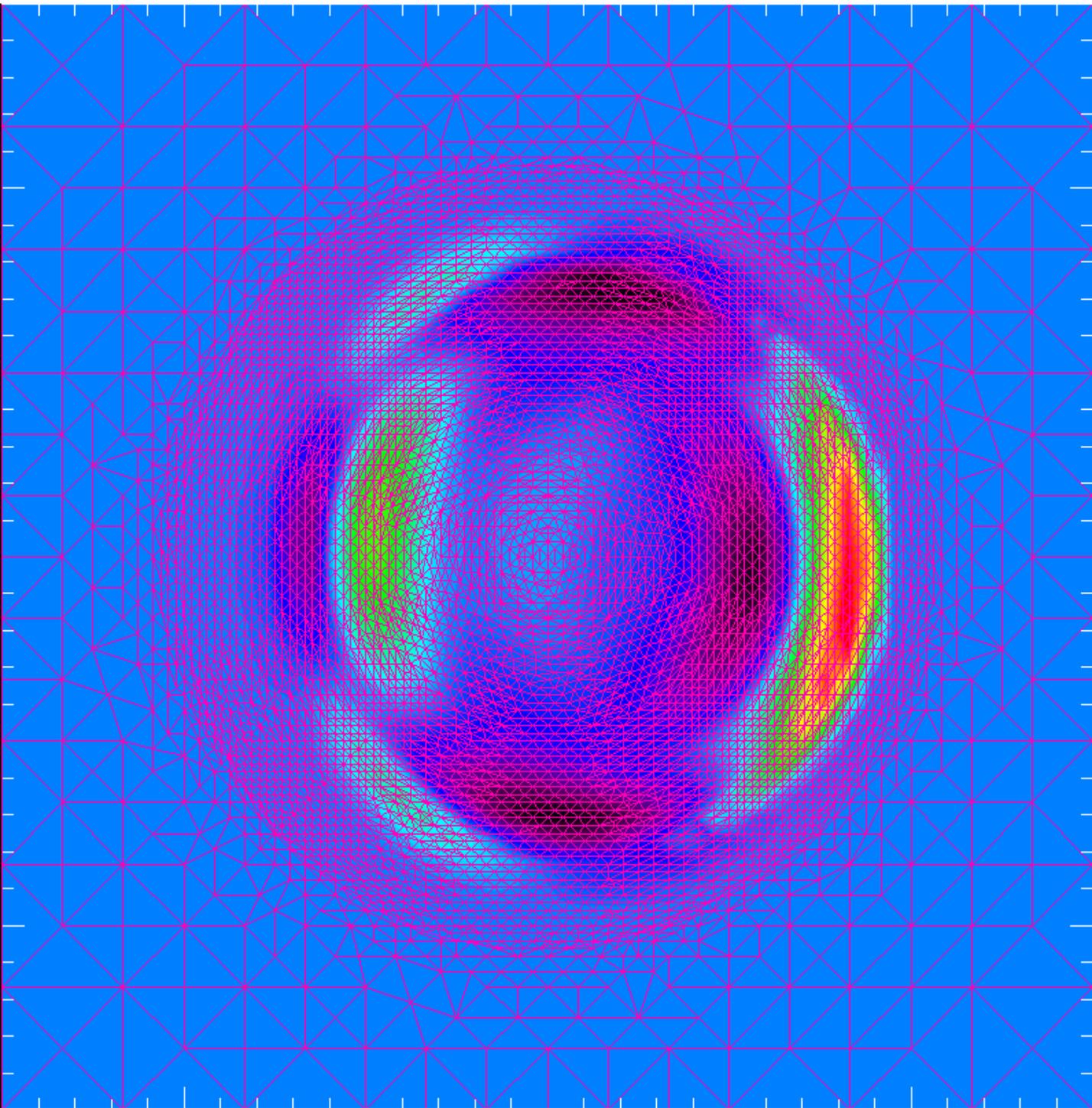


Figure 2: Overlay of the current density for a $n=1$ mode and the mesh.