Use a superposition of two semi-infinite screw dislocations to derive a solution for displacements, strain and stress due to a finite dislocation in an infinite elastic medium, with dislocation lines at \( r_3 = \pm h \) (as in Figure 10.5, right panel). Write down an expression for shear stress \( \tau_{12} \) on the dislocation plane \( (r_1 = 0) \). Make a plot of \((b\mu)^{-1}\tau_{12}(r_3/h)\). How do stresses vary near the dislocation lines?