ODEs

$$f''' - f'^2 + ff'' - A\left(\frac{\eta}{2}f'' + f'\right) = 0,$$

$$\theta'' + Pr\,[Nt\theta'^2 + Nb\theta' h' + f\theta'] - \frac{APr}{2}\eta\theta' = 0,$$

$$h'' + \frac{Nt}{Nb}\theta'' + LePrfh' - \frac{LePrA}{2}\eta h' = 0.$$

Boundary conditions

$$f(0) = \frac{f_w}{LePr}h'(0), f'^{(0)} = -1 + af''^{(0)}, \theta(0) = 1 + b\theta'^{(0)}, Nbh'(0) + Nt\theta'^{(0)} = 0\, f'^{(\eta)} \to 0,\ \theta(\eta) \to 0, h(\eta) \to 0 \text{ as } \eta \to \infty.$$

Engineering coefficients

$$C_{fx}\sqrt{Re_x} = f''(0), \frac{Nu_x}{\sqrt{Re_x}} = -\theta'(0), \frac{Sh_x}{\sqrt{Re_x}} = -h'(0).$$

How to obtain this type of solution