ERRATA

1) p. 69 addition of term -g to (6.26)

$$\frac{\partial \Delta \mathbf{u}}{\partial t} = -\frac{1}{(\rho_0 + \Delta\rho - \xi_z \frac{\partial \rho_0}{\partial z})} \frac{\partial}{\partial z}(p_0 + \Delta p - \xi_z \frac{\partial p_0}{\partial z}) - g.$$

2) p.71 correct 6.40 to

$$v_{\text{phase}} = c_u \left[1 + \left(\frac{1}{2KH} \right)^2 \right]^{\frac{1}{2}}.$$

and (6.43) to

$$v_{\text{group}} = c_u \left[1 + \left(\frac{1}{2KH} \right)^2 \right]^{-\frac{1}{2}},$$

3) p.120. Replace 'Using $\frac{GM}{r_s} = c_s^2$ from above' by 'Using $\frac{GM}{r_s} = 2c_s^2$ from above'

4) p. 145: eqn (10.88), should be

$$p_1 = K_1 \rho_0^\gamma + c_s^2 \rho_1.$$

5) p. 153. Sign errors in (11.12); should read:

$$\sigma'_{ij} = -\eta \left(\frac{\partial u_i}{\partial x_j} + \frac{\partial u_j}{\partial x_i} - \frac{2}{3}\delta_{ij} \frac{\partial u_k}{\partial x_k} \right) - \zeta \delta_{ij} \frac{\partial u_k}{\partial x_k},$$

6) p. 154. In paragraph beginning 'Secondly...', replace 'all the diagonal terms are equal' by 'all the diagonal terms $\propto \zeta$ are equal'. Similarly, in following paragraph replace 'the diagonal terms are all equal' by 'the diagonal terms $\propto \zeta$ are all equal'.

7) p 210. Example 19, replace 'Give the corresponding density

distribution and show that in these solutions the mass at small n...' by 'Give the corresponding density distribution and show that in these solutions the mass at small r..'

8) p. 215. Example 34, replace

$$A(z) = \frac{A_o \cosh^2\left(\frac{z}{z_s}\right)}{\left[1 + 2\left(\frac{A_o \rho_{oj}}{\dot{M}}\right)^2 \frac{R_* T_j}{\dot{M}} \ln\left[\cosh^2\left(\frac{z}{z_s}\right)\right]\right]^{1/2}}$$

by

$$A(z) = \frac{A_o \cosh^2\left(\frac{z}{z_s}\right)}{\left[1 + 2\left(\frac{A_o \rho_{oj}}{\dot{M}}\right)^2 \frac{R_* T_j}{\mu} \ln\left[\cosh^2\left(\frac{z}{z_s}\right)\right]\right]^{1/2}}$$