

1. Page 358, first equations: the two equations should be numbered by (15.3a) and (15.3b)
2. Page 371, first bullet: sub basins  $\rightarrow$  subbasins
3. Page 371, second bullet, line 1: is already  $\rightarrow$  are already
4. Page 373, Exercise (15.4), item a., line 2: velocities perpendicular to  $f/H \rightarrow$  velocities parallel to  $f/H$
5. Page 350, Exercise (15.4), item b., line 1:  $RC_D \rightarrow \rho_0 R$

6. Page 350, Exercise (15.4), item b., equation:

$$\oint \frac{RC_D}{\rho_0 f} \mathbf{v}_b \cdot \mathbf{ds} = \int_A (\mathbf{e}_3 \cdot \nabla \wedge \frac{\vec{\tau}_s}{\rho_0 f} - \frac{1}{f} \mathbf{V}_s \cdot \nabla f) dx dy$$

$\rightarrow$

$$\oint_C \frac{R}{f} \mathbf{v}_b \cdot \mathbf{ds} = \int_A (\mathbf{e}_3 \cdot \nabla \wedge \frac{\vec{\tau}_s}{\rho_0 f} - \frac{1}{f} \mathbf{V}_s \cdot \nabla f) dx dy$$

7. Page 350, Exercise (15.5), item a., equation:

$$\mathbf{v}_b = |\nabla H| \frac{f}{R} \frac{\int F dx dy}{\oint |\nabla H| f^2 ds} \mathbf{t}$$

$\rightarrow$

$$\mathbf{v}_b = |\nabla H| \frac{f}{R} \frac{\int_A F dx dy}{\oint_C |\nabla H| ds} \mathbf{t}$$