	error	correction
p.519 (20.2.19)	$... = \frac{1}{a\cos\varphi}... + \frac{1}{a\cos\varphi}...$ $= \frac{1}{a(1-\mu^2)} + \frac{1}{a}...$	$... = \frac{1}{R\cos\varphi}... + \frac{1}{R\cos\varphi}...$ $= \frac{1}{R(1-\mu^2)} + \frac{1}{R}...$
p.520 (20.2.29)	$... \left(D + \frac{\dot{\sigma}}{\sigma}\right) + Q$	$... \left(D + \frac{\partial\dot{\sigma}}{\partial\sigma}\right) + Q$
p.523 (20.2.50)	$...(\mu\nabla_\sigma^\mu \times \boldsymbol{V_H} + \nabla_\sigma^\mu \times \boldsymbol{V_H})...$	$...(\mu\nabla_\sigma^\mu \times \boldsymbol{V_H} - \boldsymbol{V_H} \times (\nabla_\sigma^\mu \mu))...$
p.532 (21.2.34)	$... \sum_{n=0}^{\infty} \sum_{m=-n}^{n} (A_n^{'m} \cos m\lambda$ $+ B_n^{'m} \sin m\lambda)\tilde{P}_n^m(\mu),$	$... \sum_{n=0}^{\infty} [A_n^{'0} + \sum_{m=0}^{n} (A_n^{'m} \cos m\lambda$ $+ B_n^{'m} \sin m\lambda)]\tilde{P}_n^m(\mu),$
p.546 l.4	the Fourier transform (21.4.39)	the Legendre transform (21.4.38)
p.546 l.5	the Legendre transform (21.4.38)	the Fourier transform (21.4.39)
p.550 l.7	Substituting(21.4.41)	Substituting(21.4.19)
p.550 l.21	$-\nu \left[\nabla_H^k - \left(\frac{-2}{R^2}\right)^k\right] \nabla_H^2 \psi$	$-\nu \left[\nabla_H^{2k} - \left(\frac{-2}{R^2}\right)^k\right] \nabla_H^2 \psi$
p.551 (21.5.18)	$... = \frac{1}{2} \sum_m \sum_n ...$	$... = \frac{R^2}{2} \sum_m \sum_n ...$
p.553 (21.6.3)	$... - \frac{1}{R(1-\mu^2)} \frac{\partial}{\partial\varphi}(V\eta).$	$... - \frac{1}{R} \frac{\partial}{\partial\mu}(V\eta).$
p.553 (21.6.5)	$... - \frac{1}{R(1-\mu^2)} \frac{\partial}{\partial\varphi}...$	$... - \frac{1}{R} \frac{\partial}{\partial\mu}...$
p.556 (21.6.29)	$... = \frac{1}{I} \sum_{i=1}^{I} ...$	$... = \frac{1}{IR} \sum_{i=1}^{I} ...$

p.556 (21.6.30)	$... = \frac{1}{I}\sum_{i=1}^{I}...$	$... = \frac{1}{IR}\sum_{i=1}^{I}...$
p.557 (21.7.1)	$...(R^2\phi_n^m, R^2\chi_n^m, T_n^{'m}, \pi_n^m, q_n^m)...$	$...(R^2\phi_n^m, R^2\chi_n^m, T_n^{'m}, \pi_n^m, \Phi_n^m, q_n^m)...$
p.570 (22.1.17)	$... - \Phi\left[\frac{\partial}{\partial\sigma}(p_s\dot{\sigma}) + \frac{\partial p}{\partial t}\right]...$	$... - \Phi\left[\frac{\partial}{\partial\sigma}(p_s\dot{\sigma}) + \frac{\partial p_s}{\partial t}\right]...$
p.571 (21.1.22)	$...p_s\frac{\boldsymbol{v_H}^2}{2} + C_pT...$	$...p_s\left[\frac{\boldsymbol{v_H}^2}{2} + C_pT\right]...$
p.576 (22.2.24)	$...\sum_{k=1}^{K}\nabla_\sigma(p_s\Phi_k) - ...$	$...\sum_{k=1}^{K}\nabla_\sigma(p_s\Phi_k)\Delta\sigma_k - ...$
p.577 l.26	$...(\hat{\Phi}_{k-\frac{1}{2}} - \Phi_{k-\frac{1}{2}})...(\Phi_{k+\frac{1}{2}} - \hat{\Phi}_{k+\frac{1}{2}})...$	$...(\hat{\Phi}_{k-\frac{1}{2}} - \Phi_k)...(\Phi_k - \hat{\Phi}_{k+\frac{1}{2}})...$
p.578 (22.2.33)	$...(\hat{\Phi}_{k-\frac{1}{2}} - \Phi_{k-\frac{1}{2}})...(\Phi_{k+\frac{1}{2}} - \hat{\Phi}_{k+\frac{1}{2}})...$	$...(\hat{\Phi}_{k-\frac{1}{2}} - \Phi_k)...(\Phi_k - \hat{\Phi}_{k+\frac{1}{2}})...$
p.580 (22.2.47)	$\left(\frac{\partial p}{\partial p_s}\right)_\sigma = -\frac{1}{\Delta\sigma_k}...$	$\left(\frac{\partial p}{\partial p_s}\right)_\sigma = \frac{1}{\Delta\sigma_k}...$
p.580 (22.2.48)	$\left(\frac{\partial f(p)}{\partial p_s}\right)_\sigma = -\frac{f'(p)}{\Delta\sigma_k}...$	$\left(\frac{\partial f(p)}{\partial p_s}\right)_\sigma = \frac{f'(p)}{\Delta\sigma_k}...$
p.580 (22.2.49)	$\left[\frac{\partial(p_sf(p))}{\partial p_s}\right]_\sigma = -\frac{1}{\Delta\sigma_k}...$	$\left[\frac{\partial(p_sf(p))}{\partial p_s}\right]_\sigma = \frac{1}{\Delta\sigma_k}...$
p.580 (22.2.55)	$...\hat{\sigma}_{k+\frac{1}{2}}(f_k - \hat{f}_{k-\frac{1}{2}})...$	$...\hat{\sigma}_{k+\frac{1}{2}}(f_k - \hat{f}_{k+\frac{1}{2}})...$
p.581 (22.2.62)	$... + \frac{\sigma_k}{\kappa}\left[1 - \left(\frac{\hat{\sigma}_{k-\frac{1}{2}}}{\sigma_k}\right)^\kappa\right]...$	$... + \frac{\sigma_{k-1}}{\kappa}\left[1 - \left(\frac{\hat{\sigma}_{k-\frac{1}{2}}}{\sigma_{k-1}}\right)^\kappa\right]...$

p.583 (22.2.72)	$\ldots \left\{ \hat{\sigma}_{k-\frac{1}{2}} [\ldots] + \hat{\sigma}_{k+\frac{1}{2}} [\ldots] \right\}.$	$\ldots \left\{ \dot{\sigma}_{k-\frac{1}{2}} [\ldots] + \dot{\sigma}_{k+\frac{1}{2}} [\ldots] \right\}.$