

ERRATA. Wave Fields in Real Media. Third edition.

Page	Correction
xxiii	replace dt by $d\omega$ in the second integral.
69	Eq. (2.31): $\psi(\omega)$ should be $\psi(t)$.
73	It is $\mathcal{F}[\text{sgn}(t)] = 2/(i\omega)$.
94	Below Eq. (2.190): $A_2 = M_R(1 - \tau_\epsilon/\tau_\sigma)$, and replace “creep” by “relaxation”.
144	The sign in the second Eq. (3.139) should be plus (+).
155	Missing definitions: $\mathcal{K}_\infty = \psi_{\mathcal{K}}(\infty)$ and $\mu_\infty = \psi_\mu(\infty)$.
156	Eq. (3.194): First-order time derivatives are missing on the left-hand side.
180	Replace Eq. (4.6) by $M_\nu = [Q_{0\nu}/(R_\nu + 1) + i\omega\tau_0]/[Q_{0\nu}/(R_\nu - 1) + i\omega\tau_0]$, $R_\nu = \sqrt{Q_{0\nu}^2 + 1}$. Both equations give the same results approximately.
328	Eq. (7.151): Multiply B_I by M' .
352	Line above Eq. (7.330): Replace E_m by mE_m .
375	Eq. (7.439): replace the negative sign by a positive sign. Line 2 below eq. (7.442): $\dot{w}_3 = 0$ at $z = -d_1/2$ ($z = d_2/2$) requires that $B = A \exp(-ad_1)$ ($B = A \exp(ad_2)$) (z -axis points downwards). Eq. (7.443): $p_{f_1}^- = -I_1 \dot{w}_3)_1$, $p_{f_2}^- = I_2 \dot{w}_3)_2$.
377	Caption of Fig. 7.15: $\eta_1 = 3$ cP.
381	Figure 7.16: Caption: replace cP by Pa s.
393	Eq. (7.512): 2nd term on the rhs: It is $m\partial_t \dot{w}_i$
448	Eq. (8.158): Remove the primes in the numerator.
448	Eq. (8.162): It is ϵ' in the numerator.
448	Eq. (8.163): It is n' in the numerator.
449	Eq. (8.165): Replace $\sin \theta^\Gamma$ by $\sin \theta^I$.
453	Eq. (8.185): Move the primes to the denominator.
527	Eq. (9.34): Replace v by v_2 . Replace “old outgoing” by “old incoming” above eq. (9.34).
541	Eq. (9.52): Replace subindex n by 2.
543	Sections in comments: 4.4 is 4.6, 4.5.3 is 4.8.3, 4.6 is 4.9.
549	Same as in p. 543.