

Errata List

March 15, 2023

Resonant Scattering and Generation of Waves

by Lutz Angermann, Vasyl V. Yatsyk
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This is a list of all known errata in the first printing of the book, where corrections or supplements are indicated by (C) or (S), respectively. Further comments are gratefully welcome.

- p. xvii, l. –4: (C)
 $|z| \leq 2\pi\delta$ is to be replaced by $|z| < 2\pi\delta$
- p. 8, formula (1.18): (C)
 $\pi\check{\mathbf{E}}(\mathbf{r}, n\omega)\delta(n\omega - \hat{\omega})$ is to be replaced by $\pi\sum_{n \in \mathbb{Z}} \check{\mathbf{E}}(\mathbf{r}, n\omega)\delta(n\omega - \hat{\omega})$
- p. 8, formula (1.19): (C)
 $\pi\check{\mathbf{P}}(\mathbf{r}, n\omega)\delta(n\omega - \hat{\omega})$ is to be replaced by $\pi\sum_{n \in \mathbb{Z}} \check{\mathbf{P}}(\mathbf{r}, n\omega)\delta(n\omega - \hat{\omega})$
- p. 11, lines 18&19: (C)
 $\check{\chi}_{1111}^{(1)}$ is to be replaced by $\check{\chi}_{1111}^{(3)}$
- p. 11, l. –10: (C)
Moreover, **the** is to be replaced by **Moreover, they**
- pp. 26, (1.61): (C)
Here and in the subsequent formulae in which this term is used, a factor 1/2 is missing at the right-hand side (due to the definition of α in (1.50))
- p. 76, ref. 13: (C)
der Schwingungsgleichung is to be replaced by **der Schwingungsgleichung**
- p. 80, l. 4: (C)
in in is to be replaced by **in**
- p. 102, lines 4–5: (C)
The basis function ψ_j is missing at the end of the formula, that is
 $\left[\dots \right]$ is to be replaced by $\left[\dots \right] \psi_j$
- p. 102, l. 2 of Section 5.2: (C)
The full stop “.” after \mathbf{V}_h is to be removed