# Hilbert Transforms Errata

## Vol. 2

p. 432, line 6 from the bottom, krall should read Krall

p. 464 Number (2.57) $\dfrac{\sqrt{(2a^{-1})}\,x - \sqrt{|x|}}{(a^2 + x^2)}$ should read $\dfrac{\sqrt{(2a^{-1})}\,x - \mathrm{sgn}(x)\sqrt{|x|}}{(a^2 + x^2)}$

(Hilbert transform of an even function should be an odd function!). I thank Dr. Tarek M. Elgindi for pointing out this error.

p. 234 The integral in Eq. (19.62) should be over time and not angular frequency, thus

$$\frac{\varepsilon(\omega_z)}{\varepsilon_0} - 1 = \int_0^\infty G(t)\, e^{i\omega_r t - \omega_i t}\, dt$$