Electromagnetic Anisotropy and Bianisotropy: A Field Guide, Second Edition

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Corrections — 4 March 2021^1

1. Page 38, 5/6 lines after eqn. (2.21). Replace the sentence:

"The off-diagonal ω -dependent scalars ϵ_{α} , ϵ_{β} and ϵ_{γ} are real-valued." with the sentence:

"At a fixed frequency, the off-diagonal scalars ϵ_{α} , ϵ_{β} and ϵ_{γ} are real valued for a particular orientation of coordinate axes; but more generally the ω -dependent scalars ϵ_{α} , ϵ_{β} and ϵ_{γ} are complex valued."

- Page 39. Replace the legend to Table 2.1 with:
 "Constitutive permittivity dyadics for three biaxial dielectric crystal systems, at a fixed frequency, for a particular orientation of coordinate axes."
- 3. Page 40, line after eqn. (2.25). Replace: " $\mu_x(\omega), \, \mu_y(\omega), \, \mu_z(\omega) \in \mathbb{C} \text{ and } \mu_\alpha(\omega), \, \mu_\beta(\omega), \, \mu_\gamma(\omega) \in \mathbb{R}$ " with: " $\mu_x(\omega), \, \mu_y(\omega), \, \mu_z(\omega), \, \mu_\alpha(\omega), \, \mu_\beta(\omega), \, \mu_\gamma(\omega) \in \mathbb{C}$ "
- 4. Page 44, 1/2 lines after eqn. (2.44). Replace: " $\epsilon_{x,y,z}, \xi_{x,y,z}, \zeta_{x,y,z}, \mu_{x,y,z} \in \mathbb{C}$ and $\epsilon_{\alpha,\beta,\gamma}, \xi_{\alpha,\beta,\gamma}, \zeta_{\alpha,\beta,\gamma}, \mu_{\alpha,\beta,\gamma} \in \mathbb{R}$ "

with:

 $``\epsilon_{x,y,z}, \xi_{x,y,z}, \zeta_{x,y,z}, \mu_{x,y,z}, \epsilon_{\alpha,\beta,\gamma}, \xi_{\alpha,\beta,\gamma}, \zeta_{\alpha,\beta,\gamma}, \mu_{\alpha,\beta,\gamma} \in \mathbb{C}"$

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