

## Computational Methods for Electromagnetic Phenomena

list of corrections (3/12/2015)

- p. 45, in eqn. (2.105), the second  $q$  should be  $q'$  (the image charge), same correction in the text above eqn. (2.104).
- p. 70, in 2nd line of eqn. (3.59),  $\frac{1}{\gamma}$  should appear in front of  $\frac{\partial}{\partial \mathbf{n}'} G_{-i\kappa}(\mathbf{r}, \mathbf{r}')$ , instead.
- p. 73, in eqn. (3.75),  $\int_{\Gamma_\varepsilon - \gamma_\varepsilon} \rightarrow \int_{\Gamma - \gamma_\varepsilon}$ .
- p. 79, in eqn. (3.101),  $\frac{A(\theta)}{\bar{p}^i(\theta)} \rightarrow \frac{\bar{p}^i(\theta)}{\beta(\theta)}$ .
- p.81, in eqn. (3.110),  $\frac{\partial u(\mathbf{r})}{\partial \mathbf{n}} \rightarrow \frac{1}{2} \frac{\partial u(\mathbf{r})}{\partial \mathbf{n}}$ .
- p. 92, in eqn. (4.18),  $|\alpha \mathbf{r} + \frac{i}{2\alpha} \mathbf{G}|^2 \rightarrow (\alpha \mathbf{r} + \frac{i}{2\alpha} \mathbf{G})^2$ .
- p. 97, below eqn. (4.48), the assumption on the charge distribution is not needed.
- p. 226, in eqn. (8.127),  $e_d \rightarrow \hat{e}_d, d = \{\xi, \eta, \zeta\}$ .
- p236, bottom line,  $3(x_1 - 1) \rightarrow 3(2x_1 - 1)$