A List of Misprints for “Lecture Notes on Functional Analysis”


- p. 21, line - 8: replace the subscript \( k_n \) with \( n_k \).

- p.98, line 3: should be \( G(v_1, \ldots, v_n) \)

- p. 110, lines 12-13: Replace by:
  \[
  H_0^\perp \cap \tilde{H}^\perp \subseteq H_0^\perp \cap H_0 = \{0\},
  \]
  proving that \( \text{span}(H_0 \cup \tilde{H}) \) is dense in \( H \).

- p. 194, last line: \( \int_0^\pi (2u \cos 2x) \, dx \).

- p. 200, line 20-21: “the coefficients \( a^{ij} \) and \( b^i \) satisfy the stronger regularity conditions \( a^{ij}, b^i \in W^{1,\infty}(\Omega) \).”

- p. 232, line 6: should be: \( \int_{B(x, \varepsilon)} J_\varepsilon(x-y) f(y) \, dy \).