

Errata in Second-Year Linear Algebra web material MT 2005

- Lecture 2, p. 3, in line 3 of Note 1, the second occurrence of U is a misprint for W .
- Lecture 9, p. 1, Condition (3) for an inner product should read *if $u \neq 0$ then $B(u, u) > 0$.*
- Lecture 11, p. 3, at the end of the theorem add *Moreover, equality holds if and only if u and v are linearly dependent.*
- Lecture 12, p. 2, in the second note, in the description of $O(\mathbb{R}^n)$, the condition $A^{\text{tr}} = A$ is a misprint for $A^{\text{tr}} = A^{-1}$ or $A^{\text{tr}}A = I$.
- Lecture 12, p. 2, in the fourth note, in the description of $U(\mathbb{C}^n)$, the condition $\bar{A}^{\text{tr}} = A$ is a misprint for $\bar{A}^{\text{tr}} = A^{-1}$ or $\bar{A}^{\text{tr}}A = I$.

HMN, Queen's: Version of 25.xi.2005