Errata for 'Linear Algebra'

page 20. The sizes m and n are confused in two places:

Four lines after first display: A is multiplied on the left by $m \times m$ tilts, not $n \times n$ tilts, and the corresponding $\hat{T}$ has I_n in the lower right corner, not I_m.

Similarly, A is multiplied on the right by $n \times n$ tilts and the lower right corner of the corresponding $\hat{T}$ is I_m.

page 29, change the final words of Section 4 from "where D is nonzero" to "corresponding to nonzero columns of D".

page 71, last paragraph of section 3: The trivial case $r = 0$ should be considered separately. The mate of a zero matrix is of course its transpose.

page 92, the first line of the display should end with D, not D^{-1}.

page 92, change the beginning of the first sentence of the proof to "It will first be shown that if E is any $n \times n$ matrix of polynomials, and if D is an invertible diagonal matrix of rational numbers, then ... ". (In other words, where it now says "rational numbers" it should say "polynomials" and vice versa.)

page 97, line 5 of the second paragraph of Section 5, omit the word "a".

page 121, before the word "Now" at the end of the first line after the first display, insert: "(Otherwise $s_{m-2}(S)h(S) = 0$, which is impossible because $h(S)$ is invertible and $\deg s_{m-2} < m$.)"

(Last updated July 23, 2016)

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