

Errata to Damped Oscillations of Linear Systems

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The given pagination refers to the text on my web page
<http://www.fernuni-hagen.de/MATHPHYS/veselic/pslist.html>

- p. xv: the line
Diagonal matrix: $\text{diag}(a_1, \dots, a_n)$; block diagonal matrix: $\text{diag}(A_1, \dots, A_p)$.
should be replaced by the lines
Diagonal matrix: $\text{diag}(a_1, \dots, a_n)$.
Block diagonal matrix: $\text{diag}(A_1, \dots, A_p)$.
- p. 122, formula (14.13): the expression

$$\frac{\Delta(x) \pm x^* C x \sqrt{\Delta(x)}}{2x^* M x}$$

should be preceded by the minus sign.

- p. 134, line 7: in the expression

$$\mu e^{\mu t} K^{1/2} Q(\mu)^{-1/2} w_1$$

the factor μ should be erased.

- p. 135, line 13: the expression $x^* Q(\gamma) x_0$ should read $x_0^* Q(\gamma) x_0$.
- p. 176: Example 21.16 should read Exercise 21.16
- p. 197: the reference [46] should be corrected as follows
46. Knowles, J. K., On the approximation of damped linear dynamical systems,
Struct. Control Health Monit. **13** (2006) 324–335.

I should be indebted for any communicating of error, mistake or amendment.

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