

Errata for Vibrations: A lecturebook, by Krousgrill and Rhoads
(errata updated: 1/21/2019)

Corrections for lecturebook:

- **Page 33** (third bullet point). $\sum_{j=1}^M W_j$ should read $\sum_{j=1}^M dW_j$.
- **Page 35** (last two equations). dU and δU should be dW and δW , respectively.
- **Page 40** (second sentence). “Forces f and F act in the...” should read “Forces F and f act in the...”.
- **Page 82** (last sentence). Replace “correspond” with “corresponds”.
- **Page 99** (first sentence). Replace “undamped” with “damped”.

Corrections for course blog material:

- **Example I.4.3** (at 18:48). Replace I_G with I_C . And (at 23:30), replace $K_{11} = k$ with $K_{11} = kr^2$.
- **Example II.2.3** (at 11:16). Replace $\mu_3 = 1.8754$ with $\mu_3 = 3.5170$.
- **Example II.2.4** (at 11:11). Replace $C_j = \tilde{\Theta}^{(i)T} [M] \tilde{\Theta}^{(i)}$ with $C_j = \tilde{\Theta}^{(i)T} [M] \bar{\theta}(0)$. And (at 11:41), the coefficients C_1 and C_2 should be multiples of $\frac{1}{\sqrt{I}}$, not of \sqrt{I} .