# ERRATA for
## *FE Mechanical Practice Exam*
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**Revisions are shown in red.**

**Question 35, p. 30:**

The figure shows a four-bar linkage. If Link 3 rotates in the counterclockwise direction, the angle of the velocity vector of Point P, measured in the global *X-Y* coordinate frame, is most nearly:

**Revisions are shown in red.**

**Question 78, p. 59:**

The options should read as follows:

○ A.      348
○ B.      148
○ C.      1.10
○ D.      0.90

**Solution 78, p. 117:**

The solution should read as follows:

$$\text{Re} = \frac{v(2r_i)P}{\mu}$$

$$= \frac{6 \text{ m/s}(2 \cdot 0.050 \text{ m})\left(10.844 \text{ kg/m}^3\right)}{2.0417 \times 10^{-5} \text{ kg/m} \cdot \text{s}}$$

$$= 318,676$$

$$h_i = 0.023 \frac{k_f}{2r_i} \text{Re}^{0.8} \text{Pr}^{1/3} \left(\frac{\mu_b}{\mu_s}\right)^{0.14}$$

$$= 0.023 \left(\frac{0.0245 \text{ kJ/m} \cdot \text{K}}{2 \cdot 0.050 \text{ m}}\right)(318,676)^{0.8} (1.12)^{1/3} (1)^{0.14}$$

$$= 147.9 \text{ W/m}^2 \cdot \text{K}$$

**THE CORRECT ANSWER IS: B**