

Name: _____

In-Class Problem #6

Using the moment-area method, determine θ_A and y_C

$$E = 29,000 \text{ ksi}, I = 100 \text{ in.}^4, (EI)_{AB} = (EI)_{DE} = EI, (EI)_{BD} = 2EI$$

What is the minimum value of I for a deflection of 1.2 in. at C?

