ENGR-2060
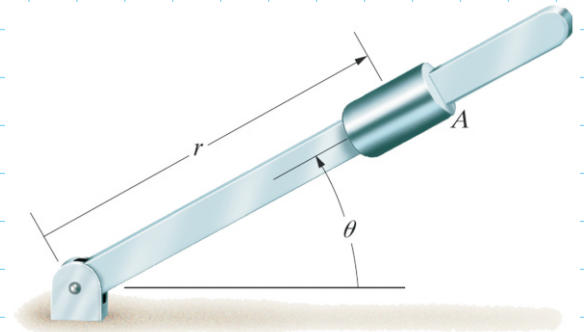### E.M. - Dynamics

WEEK: _____   **PROBLEM:** _____

GIVEN:

The polar coordinates of the collar A are given as functions of time in seconds by

$$r = 1 + 0.2t^2 \text{ ft and } \theta = 2t \text{ rad.}$$

What are the magnitudes of the velocity and acceleration of the collar at $t = 2$ s?

REQUIRED:

SOLUTION: