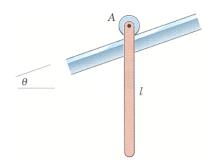
## ROSE-HULMAN INSTITUTE OF TECHNOLOGY

## Department of Mechanical Engineering

ES 204 Mechanical Systems

## Example Problem - Le 24

6/97 The slender rod of mass m and length l is released from rest in the vertical position with the small, i.e. negligible, roller at end A resting on the incline. Determine the initial acceleration of A. (taken from Dynamics, 4th Edition by Meriam & Kraige)



Relative Acceleration Page 1 of 1