

**Segundo Parcial de Dinámica de Robots**

Fecha \_\_\_\_\_

Nombre del alumno \_\_\_\_\_

1. A pendulum is shown in Figure 1. Using  $x$  and  $y$  for Cartesian position of  $m$ , Obtain the dynamic model using Euler-Lagrange's equations.

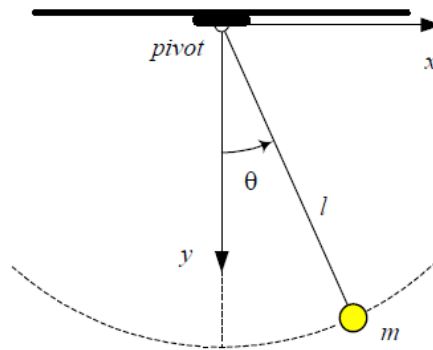


Figure 1. A simple pendulum.