

COLLEGE OF COMPUTER & INFORMATION SCIENCES
COMPUTER ENGINEERING DEPARTMENT
First Semester 1428-1429H.

HW # 7

CEN 459: Robotics

Instructor: Dr R. HEDJAR

Question :

By using Euler-Lagrange method, derive the dynamic model of :

1. One-link manipulator.
2. Two-link (RR) manipulator.
3. The spherical pendulum given in figure below.

