**Quiz/Assignment**

Describe the types of the configurations depicted in Figure 1, 2 & 3. How they can effect seismic performance of a structure and what are their possible solutions.

**Figure 2**



**Figure 1**

**Figure 3**

Develop the equation of motion of the frame shown in figure 4 under the action of a lateral dynamic force p(t). Consider a uniformly Distributed gravity load of (registration number) lb/ft acting on the beam. Neglect damping effect

**Figure 4**