## Homework #7

## Assigned on Friday, Mar 06; due on Tuesday, Mar 17

A system has two continuous columns with fixed bases and rigidly connected beams and pin connected braces, as shown in **Figure 1**. Use incremental load analysis (with DRAIN-2DX) up to the failure of the structure and find the maximum allowable load **P**. Do this exercise a) considering P-M interaction, and b) not considering P-M interaction.

The member dimensions are given below. Assume steel I-beam type P-M interaction diagram for beam/column members. Don't consider large deformation effects.

