



Figure 1.1: A schematic diagram of a four-story building frame. The structure consists of a central vertical column and four horizontal beams, one for each floor. The beams are labeled 'Beam' and the column is labeled 'Column'. The top beam is labeled 'Beam 1', the second beam is 'Beam 2', the third beam is 'Beam 3', and the bottom beam is 'Beam 4'. The column is labeled 'Column 1'. The diagram shows the structural layout of the building frame.