


$n = 40$



The diagram shows a curved beam element with two nodes, labeled 1 and 2, represented by blue circles. The beam is a thick black arc. A green line represents the global coordinate system, with a horizontal axis and a vertical axis. The beam starts at node 1 and ends at node 2, curving upwards and to the right. The global coordinate system is shown as a green line passing through the nodes.

A diagram of a polymer chain. It consists of a black line representing the backbone, which is slightly curved. Along this backbone, there are several blue circles representing side groups or monomers. The circles are connected to the backbone by short green lines. The chain starts from the bottom left and extends towards the top right.

A diagram illustrating a sequence of data points. It consists of a series of blue circles connected by a black line. The line starts with a green segment connecting the first two points, which are slightly offset from the main curve. The sequence of points continues upwards and to the right, forming a smooth, slightly curved path.