

$N = 30$

n
 t



The figure displays a 2D plot with a background of diagonal purple and yellow stripes. A grid of points is overlaid on this background. The points are colored orange and purple. The horizontal axis is labeled t and the vertical axis is labeled n . The points are arranged in a regular grid pattern, with some points appearing as pairs (one orange, one purple) and others as single points. The overall pattern suggests a discrete-time, discrete-space system.