```
m = 1.; α = 0.2; n = 64; tf = 100.; p = 2;

nsol = NDSolve[Evaluate@Flatten[{Table[
         m x[i]''[t] == (x[i + 1][t] - 2 * x[i][t] + x[i - 1][t]) + α (x[i + 1][t] - x[i]),
          {i, n}] /. {x[0][t] :> x[1][t] - 1, x[n + 1][t] :> x[n][t] + 1},
        Table[{x[i][0] == i + RandomReal[{-.1, .1}] / 2, x[i]'[0] == RandomReal[{-1, 1}]},
         {i, n}]}], Table[x[i], {i, n}], {t, 0, tf}];

Plot[Evaluate[Table[x[i][t], {i, 1, n}] /. nsol], {t, 0, tf},
   PlotRange -> All,  Frame -> True, Axes -> False,
   ImageSize -> 450, AspectRatio -> 1]
```