

```

In[ ]:= m = 10;
A = SparseArray[{
  Band[{1, 1}] → 3.0,
  Band[{2, 1}] → 2.0,
  Band[{1, 2}] → 1.0
}, {m, m}];
MatrixForm[A];
evals = Eigenvalues[A];
Max[evals]
ListPlot[evals]

```

Out[]:= 5.71386

