

h[10]:=

```
A = {{0.0, 0.0, 0.0, 0.0, 0.0, 0.0},
      {0.0, 1.9247225877689356, -1.9247225877689356,
       -0.96236129388446778, 0.0, 0.96236129388446778},
      {0.0, -1.9247225877689356, 1.9247225877689356,
       0.96236129388446778, 0.0, -0.96236129388446778},
      {0.0, -0.96236129388446778, 0.96236129388446778,
       0.48118064694223389, 0.0, -0.48118064694223389},
      {0.0, 0.0, 0.0, 0.0, 0.0, 0.0},
      {0.0, 0.96236129388446778, -0.96236129388446778,
       -0.48118064694223389, 0.0, 0.48118064694223389}
     };

B = {{0.0, 0.0, 0.0, 0.0, 0.0, 0.0},
      {0.0, 0.046728852764308028, -0.046728852764308028,
       -0.023364426382154014, 0.0, 0.023364426382154014},
      {0.0, -0.046728852764308028, 0.046728852764308028,
       0.023364426382154014, 0.0, -0.023364426382154014},
      {0.0, -0.023364426382154014, 0.023364426382154014,
       0.011682213191077007, 0.0, -0.011682213191077007},
      {0.0, 0.0, 0.0, 0.0, 0.0, 0.0},
      {0.0, 0.023364426382154014, -0.023364426382154014,
       -0.011682213191077007, 0.0, 0.011682213191077007}
     };

Eigenvalues [[A, B]]
Eigenvalues [B]
Eigenvalues [A]
```

Out[12]= {41.1892, Indeterminate, Indeterminate, Indeterminate, Indeterminate, Indeterminate }

Out[13]= {0.116822, -2.05242×10^{-17} , -1.39496×10^{-18} , 0., 0., 0.}

Out[14]= {4.81181, 4.53266×10^{-16} , 6.30521×10^{-32} , -1.55778×10^{-32} , 0., 0.}