

```
> restart;with(orthopoly):with(linalg):with(plots,rootlocus);with
(linalg):with(plots):with(LinearAlgebra[Modular]):with(orthopoly)
:
```

[rootlocus]

(1)

```
> c:=n->product(1/2^j*1/factorial(j),j=1..n-1);
```

$$c := n \rightarrow \prod_{j=1}^{n-1} \left( \frac{1}{2^j j!} \right)$$

(2)

```
> h:=(m,n)->sort(c(n)*det(wronskian([seq(H(m+j,z),j=0..n-1)],z))):
```

```
> h(4,1):
```

```
> RootOf(%,z):A:=allvalues(%):
```

```
> complexplot([A],z=-5..5,y=-5..5,style=point,symbol=solidcircle,
color=blue,symbolsize=25);
```

