State & schuiber wi w

Encoding

8th roots of unitys: 1:

$$2(10110; 10; -10; 10.10;)^{\perp}$$
 $(1 1 1 1)^{\perp}$ $(1 1 1 1)^{\perp}$

```
10 (-12' + i. (--12'i -- 12'i)
       10 ( \( \sqrt{2} + 2 \sqrt{2} \) = 30 \( \sqrt{2} \)
 P3 = 200+10; 10; -10; 10:-10; ) + (w2 w6 w 10 w14) >
      10 (0 + :(0 +0) = 0
       =
     = 2(10+10: 10: -10: 10:-10:) +. (w3 w3 w21)+5
 Pu
      = 10 (\overline{w}_3 + \overline{w}_2^1 + \cdot(\overline{w}_3 + \overline{w}_2^2 - \overline{w}_2^2))
      (3) m; = would (p;)
  m_{\lambda} = 5
\begin{cases} 10, & \text{with pub.} & 1 - |\frac{30-\sqrt{2}}{4} - 10| \approx 0.39 \\ 11, & \text{with pub.} & 1 - |\frac{30-\sqrt{2}}{4} - 11| \approx 0.61 \end{cases}
      my = 0

3, with pub. 1- | 10-121 -3 | ~0,46

my = {4, with pub. 1- | 10-121 -4 | ~0,54
(4) (5)

m= (0)

y = "5+ 11x +0x2 + 4x3
```