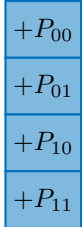


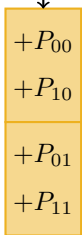
$2^2$ 

Define:

$$n = k = 2, R = I_n, t = 0$$

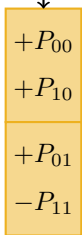
Evaluate:

$$\sum_{x=0}^{2^n-1} -1^{x^\top Q x} i^{c^\top x} P_x$$

 $2^1$ 

$$c = \begin{bmatrix} 0 \\ ? \end{bmatrix}$$

$$Q = \begin{bmatrix} 0 & 0 \\ ? & ? \end{bmatrix}$$

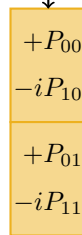
threshold  $\leq 1.25$ 

$$c = \begin{bmatrix} 0 \\ ? \end{bmatrix}$$

$$Q = \begin{bmatrix} 0 & 1 \\ ? & ? \end{bmatrix}$$

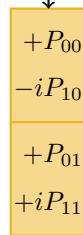
threshold  $\leq 1.10$ 

...



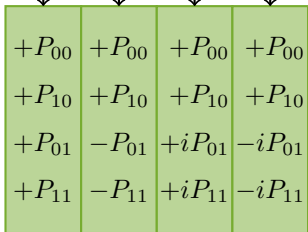
$$c = \begin{bmatrix} 1 \\ ? \end{bmatrix}$$

$$Q = \begin{bmatrix} 1 & 0 \\ ? & ? \end{bmatrix}$$

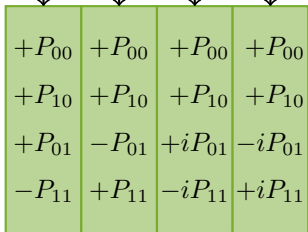
threshold  $\leq 0.95$ 

$$c = \begin{bmatrix} 1 \\ ? \end{bmatrix}$$

$$Q = \begin{bmatrix} 1 & 1 \\ ? & ? \end{bmatrix}$$

threshold  $\leq 1.20$  $2^0$ 

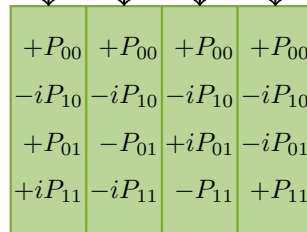
0 1 2 3



4 5 6 7

...

Branch Cut  
(skip this subtree)



28 29 30 31