Y

X

$\varphi = w \cdot \pi / N$

φ

$w = [0, 2N)$

R

Z

X

$k = N$

C

$\alpha = k \cdot \pi/N$

$Z = -R + z_i \cdot 2R/N$

α

$k = 0$

$p = C + rotZ(rotX(-UnitZ \cdot R, \alpha), -\pi/2 + \varphi)$