Π, Ν=4, n/2=2

A 11001010 1+1+1+1+1+1+1+1=8

B 00111110 4

C 01111000 4

D 01001111 3

Sinolo = 19

For 0<i<4

 For 0<j<8

 Rand(0/1)

For 0< i<4

 Rand(0/19). 7->A, 11->B, 18->D, 3->A

Z1=A, B A’=11001110, B’=00111010

Z2=D, A C’=01001010, D’=11001111

A' = 11001110 5

B' = 00111010 6

C' = 01001010 7

D' = 11001111 3

For 0< i<4

 Rand(0/21). 20->D', 12->C', 17->C', 4->A'

D' = 11001111 A"=11001010

C' = 01001010 B"=01001111

C' = 01001010 C"=01001110

A' = 11001110 D"=11001010

A"=11001010 7

B"=01001111 3

C"=01001110 5

D"=11001010 7