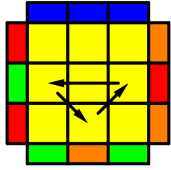
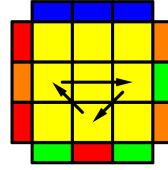


Algoritmos PLL del Cubo de Rubik 3x3

Permutaciones Tipo U

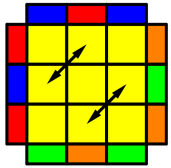


$R U' R U R U R U' R' U' R^2$
 $y^2 R U R' U R' U' R^2 U' R' U R' U R U^2$
 Permutación tipo Ua



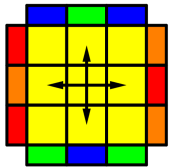
$R^2 U R U R' U' R' U' R' U R'$
 $y^2 R' U R' U' R' U' R' U R U R^2$
 Permutación tipo Ub

Permutación Tipo Z



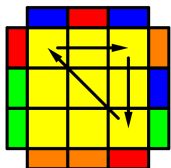
$M^2 U M^2 U M' U^2 M^2 U^2 M'$
 $M' U M^2 U M^2 U M' U^2 M^2$
 Permutación tipo Z

Permutación Tipo H

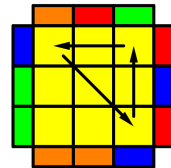


$M^2 U M^2 U^2 M^2 U M^2$
 Permutación tipo H

Permutaciones Tipo A

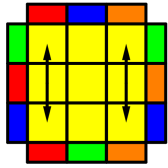


$x R' U R' D^2 R U' R' D^2 R^2$
 Permutación tipo Aa



$x R^2 D^2 R U R' D^2 R U' R$
 $x' R U' R D^2 R' U R D^2 R^2$
 Permutación tipo Ab

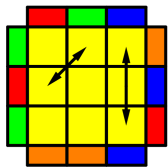
Permutación tipo E



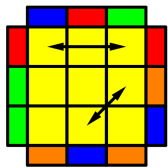
$x' R U' R' D R U R' D' R U R' D R U' R' D'$

Permutación tipo E

Permutaciones Tipo R

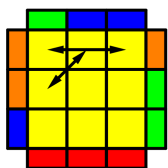


$R U R' F' R U^2 R' U^2 R' F R U R U^2 R'$
 $R U' R' U' R U R D R' U' R D' R' U^2 R'$
 Permutación tipo Ra

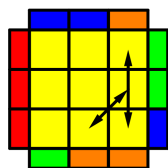


$R' U^2 R U^2 R' F R U R' U' R' F' R^2$
 Permutación tipo Rb

Permutaciones Tipo J

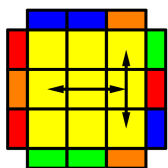


$R' U L' U^2 R U' R' U^2 R r$
 Permutación tipo Ja



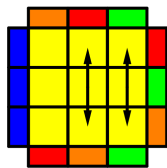
$R U R' F' R U R' U' R' F R^2 U' R' U'$
 Permutación tipo Jb

Permutación Tipo T



$R U R' U' R' F R^2 U' R' U' R U R' F'$
 Permutación tipo T

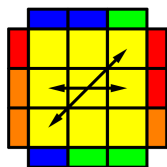
Permutación Tipo F



$R' U' F' R U R' U' R' F R^2 U' R' U' R U R' U R$

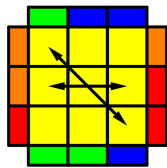
Permutación tipo F

Permutaciones Tipo N



$z U R' D R^2 U' R U D' R' D R^2 U' R D'$

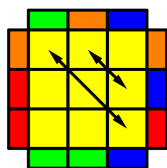
Permutación tipo Na



$z U' R D' R^2 U R' D U' R D' R^2 U R' D$

Permutación tipo Nb

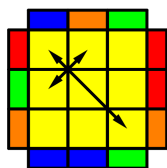
Permutación Tipo V



$z D' R^2 D R^2 U R' D' R U' R U R' D R U'$

Permutación tipo V

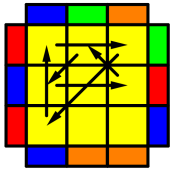
Permutación Tipo Y



$F R U' R' U' R U R' F' R U R' U' R' F R F'$

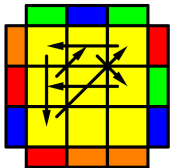
Permutación tipo Y

Permutaciones Tipo G



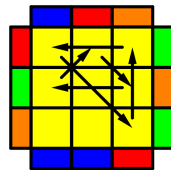
R2 u R' U R' U' R u' R2 y' R' U R
R2 U R' U R' U' R U' R2 D U' R' U R D'

Permutación tipo **Ga**



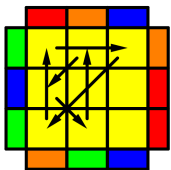
F' U' F R2 u R' U R U' R u' R2
U' R' U' R U D' R2 U R' U R U' R U' R2 D

Permutación tipo **Gb**



R2 F2 R U2 R U2 R' F R U R' U' R' F R2
y2 R2 U' R U' R U R' U R2 D' U R U' R' D U'

Permutación tipo **Gc**



R U R' U' D R2 U' R U' R' U R' U R2 D'
D' R U R' U' D R2 U' R U' R' U R' U R2

Permutación tipo **Gd**