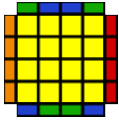




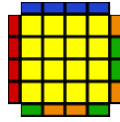
PLL Parity

Page 1



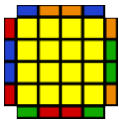
OPP Parity Edge Swap

2R2 U2 2R2 Uw2 2R2 Uw2
Rw2' F2 U2 Rw2 R2' U2 F2 Rw2
Uw2 Rw2 U2 2R2 U2 Rw2 Uw2
2L2 U2 2L2 Uw2 2L2 Uw2



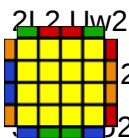
Adj Parity Edge Swap

R' U R U' 2R2 U2' 2R2 Uw2' 2R2 Uw2' U' R' U' R
R' U R U' 2R2 U2 2R2 Uw2 2R2 Uw2 U' R' U' R
R U R' U' 2R2 U2 2R2 Uw2 2R2 Uw2 U' R U' R'
R U R' U' 2L2 U2 2L2 Uw2 2L2 Uw2 U' R U' R'



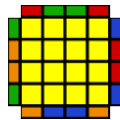
CWO Edge Swap

M2 U' M2 U' M' U2 M2 U2 M' 2R2 U2 2R2 Uw2
2R2 Uw2
u2 2R2 u2 2R2 U2 2R2 U R' U' R U' R U R U' R' U
R U R2 U' R'
M2 U M2 U M' U2 M2 U2 M' U 2L2 U2 2L2 Uw2



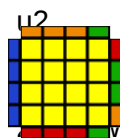
W Edge Swap

2L2 U2
2 U' M' U2 M2 U2 M' Uw2' Rw2 U2 Lw2
2 Rw2 Uw2'
R' U R' U' R' U' R' U R U Rw2 U2 2R2 Uw2 2R2
Uw2
U' R U' R U R U R U' R' U' R2 2R2 U2 2R2 Uw2
2R2 Uw2
R' U R' U' R' U' R' U R U R2 Uw2' Rw2 U2 Lw2
3Lw2' U2 Rw2 Uw2'
y' R U' R U R U R U' R' U' R2 2R2 U2 2R2 u2 2R2
u2



CcWO Edge Swap

Uw2 2L2 Uw2 2L2 U2 3Rw' Rw2 R' U2 M2 U2 M'
U M2 U M2
u2 2R2 u2 2R2 U2 2R2 R' U' R U' R U R U' R' U R
U R2 U' R'
M2' U2 M' U M2' U M2' U M' 2R2 U2 2R2 u2 2R2



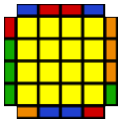
Pi Adj Corner Swap

u2
2 U' M' U2 M2 U2 M' U' 2R2 U2 2R2 Uw2
2 Rw2 Uw2'
R U R' U' R' F R2 U' R' U' R U R' F' U' 2L2 U2 2L2
Uw2 2L2 Uw2
R U R' U' R' F R2 U' R' U' R U R' F' U' 2R2 U2 2R2
Uw2 2R2 Uw2
Rw' R2 U' R' U 2R U' R U2 R' U' 2R U 2R' U' Rw' F
Rw2 U' Rw' U' Rw U Rw' F'
R U R' U' R' F R2 U' R' U' R U R' F' U' 2R2 U2 2R2
u2 2R2 u2



PLL Parity

Page 2



Ba

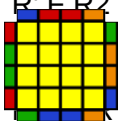
Adj Corner Swap

x' Rw2 U2 Rw2 Uw2 2R2 Uw2 F 3Rw U' R U2 L' U
R'

Uw2 2L2 Uw2 2L2 U2 2L2 U R U R' F' R U R' U' R'
F R2 U' R'

2R2 U2 2R2 Uw2 2R2 Uw2 U R U R' F' R U R' U'

R' F R2 U' R'



Ca

Adj Corner Swap

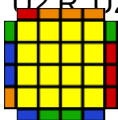
2R2 U2 2R2 u2 U R U R' F' R U R' U' R' F

y2 Uw2 2R2 Uw2 2R2 U2 Rw2 F R U R U' R' F' R
U2 R' U2 R

2R2 U2 2R2 Uw2 2R2 Uw2 U R' U2 R U2 R' F R U
R' U' R' F' R2

U2 2R2 U2 2R2 u2 2R2 u2 R2 F R U R U' R' F' R

U2 R' U2 R U



Da

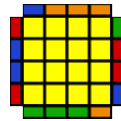
Adj Corner Swap

R' U L' U2 R U' 3Rw B Rw2 U2 Rw2 Uw2 2R2
Uw2 x'

y2 L' U R' U2 L U' L' U2 L R U' 2R2 U2 2R2 u2
2R2 u2

y F R U' R' U' 2R2 U2 2R2 u2 2R2 u2 R U R2 F' R
U R U' R' U2

R' U L' U2 R U' R' U2 R L U' 2R2 U2 2R2 Uw2 2R2
Uw2



Bb

Adj Corner Swap

y x Rw2 U2 Rw2 Uw2 2R2 Uw2 B 3Rw' U R' U2 L
U' R

y 2R2 U2 2R2 u2 2R2 u2 R' U L' U2 R U' R' U2 L
R

R U R' U' R' F R2 U' R' 2R2 U2 2R2 Uw2 2R2 Uw2

U R U R' F'



Cb

Adj Corner Swap

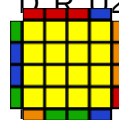
U2 2R2 u2 2R2 u2 L' U R' U2 L U' L' U2 L R

y R' U2 R U2 R' F R U R' U' R' F' Rw2 U2 2R2
Uw2 2R2 Uw2

2R2 U2 2R2 Uw2 2R2 Uw2 R U R' F' R U2 R' U2
R' F R U R U2 R'

2R2 U2 2R2 u2 2R2 u2 R U' R' U' R U R D R' U' R

D' R' U2 R'



Db

Adj Corner Swap

R2 u2 2R2 U2 2R2 U2 R U' R' U' R U R D
D' R' U2 R' U2

R U R' F' R U R' U' R' F R2 U' R' u2 2R2 u2 2R2
U2 2R2

R U R' F' R U R' U' R' F R2 U' R' 2R2 U2 2R2 Uw2
2R2 Uw2

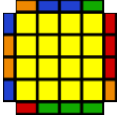
y R U' L U2 R' U 3Rw' F Rw2 U2 Rw2 Uw2 2R2
Uw2 x

R U R' F' R U R' U' R' F R2 U' R' 2R2 U2 2R2 u2
2R2 u2



PLL Parity

Page 3



Ka

Adj Corner Swap

y 3Lw' U R' D2 R U' R' D2 x' Rw2 U2 2R2 Uw2
2R2 Uw2
2R2 U2 2R2 Uw2 2R2 Uw2 x R2 D2 R U R' D2 R
U' R x'
2R2 U2 2R2 u2 2R2 u2 y x' R U' R D2 R' U R D2

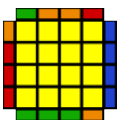
R2



M

Adj Corner Swap

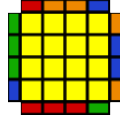
y2 Rw2 F2 U2 2R2 U R' U' R U R' D R D' R F2 U
Rw2
R U R' U' R' F R2 U' R' U' R U R' F' 2R2 U2 2R2
Uw2 2R2 Uw2



Pb

Adj Corner Swap

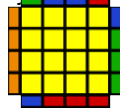
2R2 U2 2R2 u2 2R2 u2 R U R' F' R U R' U' R' F
R2 U' R'
2R2 U2 2R2 Uw2 2R2 Uw2 R U R' F' R U R' U' R'
F R2 U' R'
y R' U L' U2 R U' 3Rw Rw2 U2 Rw2 Uw2 2R2 Uw2
x'



Kb

Adj Corner Swap

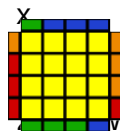
r2 F2 U2 r2 R2 U2 x R' D' R U2 R' D R r2 x' U'
y' 3Rw U' L D2 L' U L D2 x' Lw2 U2 2L2 Uw2 2L2
Uw2
2R2 U2 2R2 Uw2 2R2 Uw2 U x R' U R' D2 R U' R'
D2 R2 x'
y' 2R2 U2 2R2 u2 2R2 u2 x' R U' R D2 R' U R D2



Pa

Adj Corner Swap

R U R' F' R U R' U' R' F R2 U' R' U' 2R2 U2 2R2
u2 2R2 u2
R U R' F' R U R' U' R' F R2 U' R' U' 2R2 U2 2R2
Uw2 2R2 Uw2
y R U' L U2 R' U 3Rw' Rw2 U2 Rw2 Uw2 2R2 Uw2



Diag C

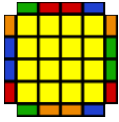
Diag Corner Swap

U R' F' R U R' U' R' F R2 U' R' U' 2R2 U2
2R2 2R2 Uw2
F R U' R' U' R U R' F' U' 2R2 U2 2R2 u2 2R2 u2 U'
R U R' U' R' F R F'
2R U 2R' U' Rw' F Rw2 U' Rw' U' Rw U Rw' F' R U
R' U' Rw' D' Rw U2 Rw' D Rw
F R U' R' U' R U R' F' U' 2R2 U2 2R2 Uw2 2R2
Uw2 U' R U R' U' R' F R F'
F R U' R' U' R U R' F' U' 2L2 U2 2L2 Uw2 2L2 Uw2
U' R U R' U' R' F R F'



PLL Parity

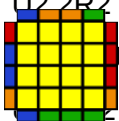
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Q

Diag Corner Swap

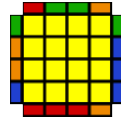
z Rw2 Uw2' R2' Uw2' F R U R' U' R U R' U' R U R'
U' F' U2' R2 Uw2' Rw2' z'
y x' R U' R' D R U R' D' R U R' D R U' R' D' x U'
2R2 U2 2R2 u2 2R2 u2
x' R U' R' D R U R' D' R U R' D R U' R' D' x U 2R2
U2 2R2 Uw2 2R2 Uw2



Sb

Diag Corner Swap

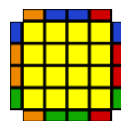
w2 R2 Uw2 F R U R' U' R U R' U' R U R'
z R2 Uw2 Rw2 z'
F R U' R' U' R U R' F' R U R' U' R' F R F' 2R2 U2
2R2 u2 2R2 u2
F R U' R' U' R U R' F' R U R' U' R' F R F' 2R2 U2
2R2 Uw2 2R2 Uw2



Sa

Diag Corner Swap

F R U' R' U' R U R' F' R U R' U' R' F R F' U' 2R2
U2 2R2 u2 2R2 u2
F R U' R' U' R U R' F' R U R' U' R' F R F' U' 2R2
U2 2R2 Uw2 2R2 Uw2



X

Diag Corner Swap

Rw2 F2 U2 Rw2 F' U' R' U R U' R' U R U' R' U R F
R2 U2 F2 Rw2
r2 B2 U2 r2 B R U R' U' R U R' U' R U R' U' B' R2
U2 B2 r2
x' R U' R' D R U R' D' R U R' D R U' R' D' x 2R2 U2
2R2 u2 2R2 u2
x' R U' R' D R U R' D' R U R' D R U' R' D' x 2R2 U2
2R2 Uw2 2R2 Uw2