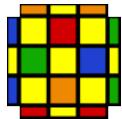




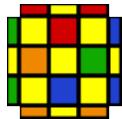
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Page 1



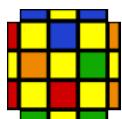
4 Flip H

```
r U R' U' M2 U R U' R' U' M'  
S' R U R' S U' M' U R U' r'  
S R' U' R U R U R' S'  
S U' S R' F R S2 R' F' R
```



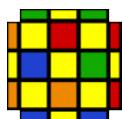
4 Flip Ua

```
y2 R U R' U M' U' R U' r' U2 M' U' M  
R U R' S U' R' U' R' U R U2 S'  
y2 R' U' F R' F' R U R f U R U' R' f'  
y2 R' U R' S R U' R U S2 U' S
```



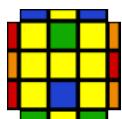
4 Flip Ub

```
y2 R' U' R S U R U R U' R' U2 S'  
y S U2 R' U' R U R U S' R U' R'  
y R U R' U' M' U R U' R' U M U2 M' U M  
y2 f R U R' U' f' R' U' R' F R F' U R
```



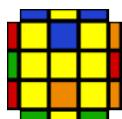
4 Flip Z

```
r' U M2 U' r U2 r' U M2 U' r  
R2 S' R2 U' S2 U' R2 S' R2  
y r U' M2 U r' U2 r U' M2 U r'  
M' U' M U2 M' U' M2 U M' U2 M U M'
```



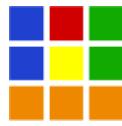
BF H

```
R2 S2 R F U' R' S2 R U F' R  
R' U2 R U' R' U' R' F R2 U R' U' R' F' R2  
F' U R U2 R2 U' D' F2 U D R U' F  
r' U' M' U' R U r' U M' U' R U' R' U2 R
```



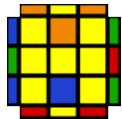
BF Ua

```
y R U R' f' R' U2 R U f U' R2 U2 R  
y r U' r' R2 U R2 U R2 U2 R2 U2 r U' r'  
y r U' r' U' r U2 r' U r U' r' U M' U M  
y2 L' U2 L U L' U L F' U' L F' L' F L' U L F
```



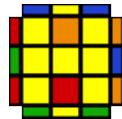
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Page 2



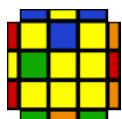
BF Ub

y R' U' R F D R2 D' R' F' U R2 U2 R'
y2 R U2 R' U' R U' R' F U R' F R F' R U' R' F'
y M' U M U2 M' U M S R' F R S' R' F' R
y' U r U r' U2 r U' r' U' r U' M U' M'



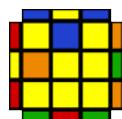
BF Z

M' U M U' M' U M U M' U2 M
y' R2 U' F U R' U' R2 F' R' U R U' R2
M U M' U' M U M' U M U2 M'
y' M' U M U M' U' M U M' U M



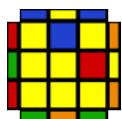
BL Ua

y R U2 R2 U' F R D R2 D' F' R' U R
M' U M R U R' U' M' U R U' r' U2 M' U M
y2 r U R' U' r' R U R U' R S2 R2 U' R2 S2 R2
M' U M U2 M' U M U M2 U M U2 M' U M2



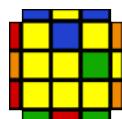
BL Ub

y2 M' U' M2 U' M U2 M' U' M'
y2 R' U R2 U' R' F U R2 U' R' F' U R2
y M' U' M' U2 M U' M2 U' M'
y L U L F' L' F U' L' f' L' U' L U f



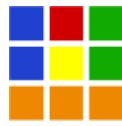
BR Ua

y' M' U M' U2 M U M2 U M'
y2 M' U M2 U M U2 M' U M'
y2 R2 U' F R U R2 U' F' R U R2 U' R
y' R' U' R' F R F' U R f R U R' U' f'



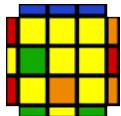
BR Ub

S U R' U2 R2 U R' U' R' U S' R' U R
r' U r U' r' U M' U' R U r' U2 M' U R
y R' U2 R2 U B' R' D' R2 D B R U' R'
y' r U r' U2 R2 U2 R2 U' R2 U' R2 r U' r'



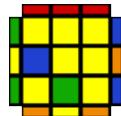
Edges of the Last Layer

Page 3



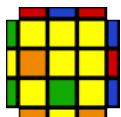
FL Ua

y2 M' U' M U2 M' U' M
R' F R' S2 R F' R' S2 R2
M U' M' U2 M U' M'
y' R u2 R2 F R2 u2 R2 F R



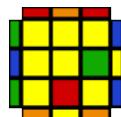
FL Ub

y' r U R' U' M U R U' R'
y2 S' R U' R' S R U R'
L F' L' S' L F L' S
M U' M' U2 M U' M U M U2 M' U M2



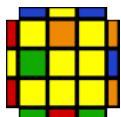
FL Z

y' F R U R' U' F2 L' U' L U F
y2 R U' r' U' M U r U r' U' M' U M'
F U R U' R' F2 U' L' U L F
U2 R' U' F' U F R2 U B U' B' R'



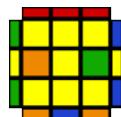
FR H

M' U' M U' M' U' M U' M' U' M
y F U R U2 R' F' U' r' F2 r
y' f R U R2 U' f' U' R' U2 R
y' r' F2 r U F R U2 R' U' F'



LB Z

y M' U' M U' M' U2 M U M' U M
y' R U' R' M' U' R U2 R' U r' R2 U R'
F R U R' U' F' R' U' R' F R F' U R
y' M U' M' U' M U2 M' U M U M'



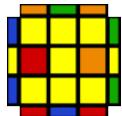
LR Ua

y' R U R' U' M' U R U' r'
S' L F' L' S L F L'
y' R U R' U' R' r U R U' r'
y2 M2 U' M' U2 M U' M U M U2 M' U M



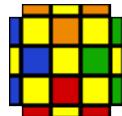
Edges of the Last Layer

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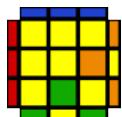
LR Z

y M' U' M U M' U' M U' M' U2 M
M' U' M U' M' U M U' M' U' M
y R2 U R' U' R F R2 U R U' F' U R2
R' B' R' S R F R S' R' S D z'



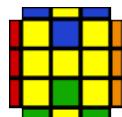
Pure 4 Flip

M' U2 M U2 M' U M U2 M' U2 M
M' U2 M U2 M' U' M U2 M' U2 M
M' U' M' U' M' U' M' U M' U' M' U' M' U' M'
R2 S' R2 U2 S2 U' R2 S R2 S2



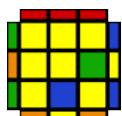
Pure Adj

r U R' U' r' U2 R U R U' R2 U2 R
R' F R U' M' U2 M U' S R' F' R S'
y' R U R' U' r' U2 R U R U' R2 U2 r
U2 R S R2 S2 R U' R' S2 R2 S' R'



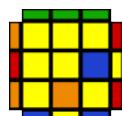
Pure Opp

M' U2 M U R' F' R S R' F R S'
M' U M' U M' U2 M U M U M
y S R' F' R S' R' F R U' M' U2 M
M' U' M' U' M' U2 M U' M U' M



RF Ua

R' F R S R' F' R S'
y' r' U' R U M' U' R' U R
y l' U' L U l' U' L' U L
S' R U R' S R U' R'



RF Ub

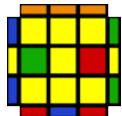
y2 M' U M U2 M' U M
M U M' U2 M U M'
r U R' U' M U2 R' U' R2 U' R' U R' U R



SpeedCubeDB

Edges of the Last Layer

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RL Ub

R U R' S' R U' R' S
S R' F R S' R' F' R
y' R' U' R U M U' R' U r
y M2 U' M' U2 M U' M' U M' U2 M U M'