

SOLVETHATCUBE

TUTORIALS - PRO ALGORITHMS - AND MORE

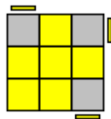
OLL ALGORITHMS (ORIENTATION OF THE LAST LAYER)

Document created by Ben Adcock

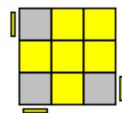
www.solve-that-cube.weebly.com

Images from algdb.net

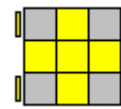
All Edges Oriented



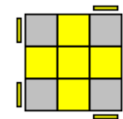
$R U R' U R U_2' R'$



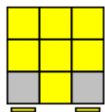
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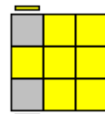
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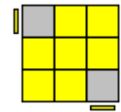
$R U_2' R_2' U' R_2 U' R_2' U_2' R$



$R_2' D R' U_2' R D' R' U_2' R'$

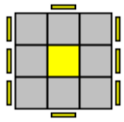


$r U R' U' r' F R F'$

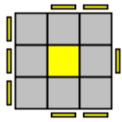


$F' r U R' U' r' F R$

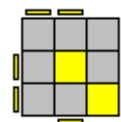
No Edges Oriented



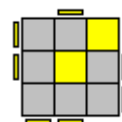
R U2' R2' F R F' U2' R' F R F'



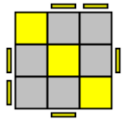
F R U R' U' F' f R U R U' f'



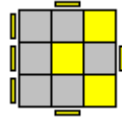
f R U R' U' f' U F R U R' U' F'



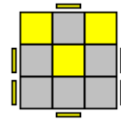
f R U R' U' f' U' F R U R' U' F'



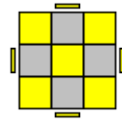
R U R' U R' F R F' U2' R' F R F'



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

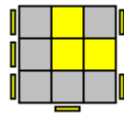


M U R U R' U' M' R' F R F'

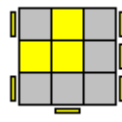


r U R' U' M2 U R U' R' U' M'

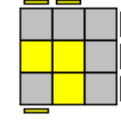
L Shapes



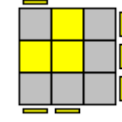
r U R' U R U' R' U R U2' r



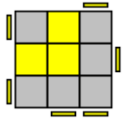
l' U' L U' L' U L U' L' U2 l



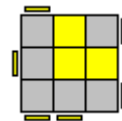
R B' R2' F R2 B R2' F' R



R' F R2 B' R2' F' R2 B R'

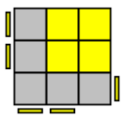


F R U R' U' R U R' U' F'

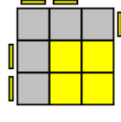


R' U' R' F R F' R' F R F' U R

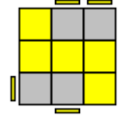
Square Shapes



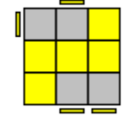
r U2' R' U' R U' r'



r' U2' R U R' U r



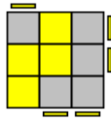
R' F R U R' U' F' U R



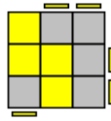
R U R' F' U' F U R U2' R'

Big Lightning Bolt Shapes

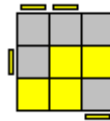
Small Lightning Bolt Shapes



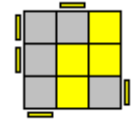
$rUR'URU2'r'$



$r'URUR'R'U2r$

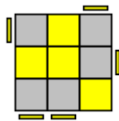


$r'R2UR'URU2R'UM'$

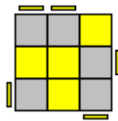


$FRUR'U'F'UFRUR'U'F'$

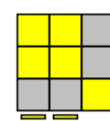
Fish Shapes



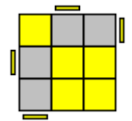
$RUR'UR'R'FR2UR'U'F'$



$RUR'UR'FRF'RU2'R'$

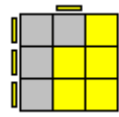


$FRUR'R'URUR'F'$

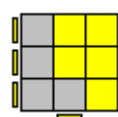


$RU2'R2'FRF'RU2'R'$

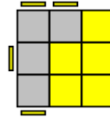
P Shapes



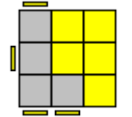
$fRUR'U'f'$



$R'UR'FR'F'RUR$

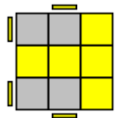


$RUB'UR'URBR'$

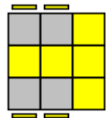


$R'UR'FURUR'F'R$

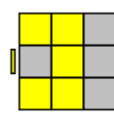
T Shapes



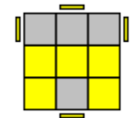
$FRUR'U'F'$



$RUR'UR'FRF'$



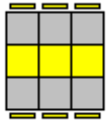
$R'UR'FRF'UR$



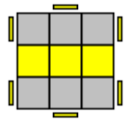
$RUR2'UR'FRURU'F'$

C Shapes

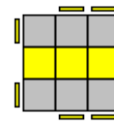
I Shapes



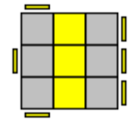
R' F R U R U' R2' F' R2 U' R' U
RUR'



rUr'URUR'R'URUR'R'rU'r'

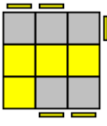


fRUR'U'RUR'U'f'

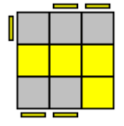


RUR'URU'yRU'R'F'

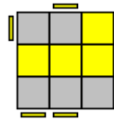
Knight Move Shapes



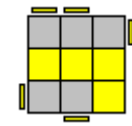
FURU'R2'F'RURUR'



R'FRUR'F'RFU'F'

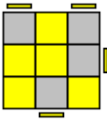


rUr'RUR'U'rU'r'

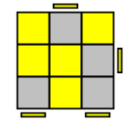


r'U'rR'U'RUR'Ur

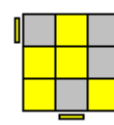
Awkward Shapes



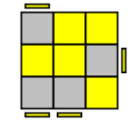
RUR'URU2'R'FRUR'U'F'



R'U'RUR'R'U2RFRUR'U'
F'

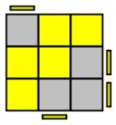


FR'FR2U'R'U'RUR'F2

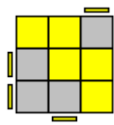


RUR'U'RUR'F'U'FRUR'

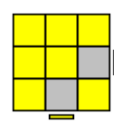
W Shapes



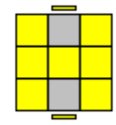
RUR'URU'R'U'R'FRF'



RUR'F'RUR'U'R'FRUR'
FRF'



rUR'U'MURU'R'



RUR'U'M'URU'r'

All Corners Oriented