



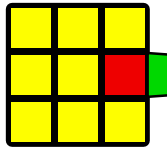
BLE Algorithms (Brooks' Last Edge)

Algorithms from Feliks Zemdegs, Anthony Brooks



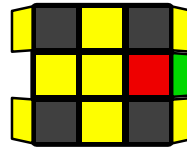
BLE [27] insert last F2L edge into slot and orient LL corners, assuming LL edges are oriented. Prerequisite: COLL.
 BLE = pure BLE; **BLE** = break F2L corner + **solve F2L**; **BLE** = insert F2L edge directly + **OLL**.

CO [1]

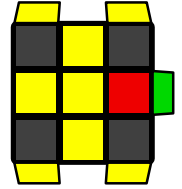


U (R U' R' U') (R U2' R' U R U R')
 R' U' (R' U' R' U) (R U R)

H [2]

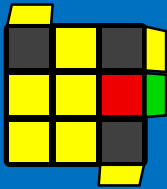


U' (R U' R' U') (R U R' U
 R U R')

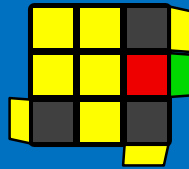


(R U' R' U') (R U' R' U R
 U R')

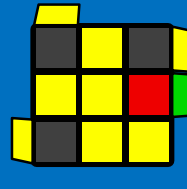
S [4]



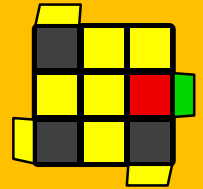
(R U R' U2') (R U R' U2'
 R U' R')



U' (R U' R' U R U R')
 U (R U2' R' U R U R')

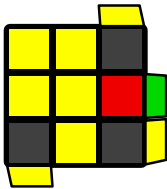


U (R U' R' U) (R U R' U2'
 R U R')

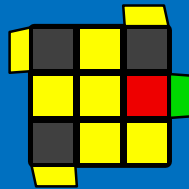


U' F' (R U R' U') (R' F R)
 U R' U2' R U R' U R

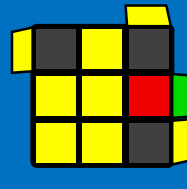
AS [4]



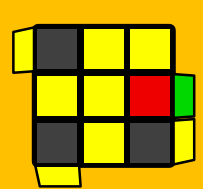
U' F' (R U R2' U') (R' F R
 U R)



U' (R U' R' U2) (R U' R'
 U' R U R')

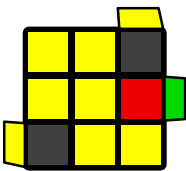


U' (R U R' U2') (R U' R'
 U2 R U' R')

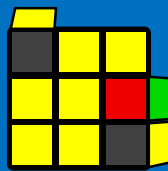


U' F' (R U R' U') (R' F R)
 U R U2' R2' U' R2 U' R2'
 U2' R

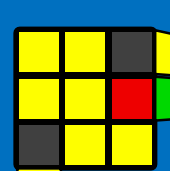
L [4]



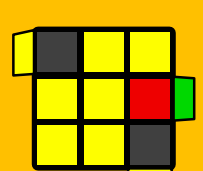
U' F' (R U R' U') (R' F R)



U2 (R U2' R' U') y' (R' U2
 R U' R' U' R)

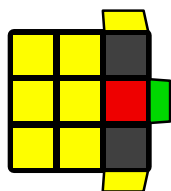
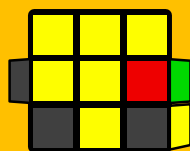
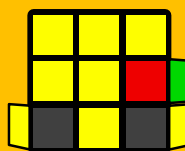
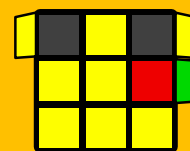


U (R U' R' U) y' (R' U R
 U R' U2' R)

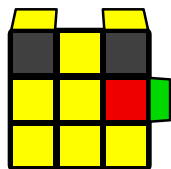
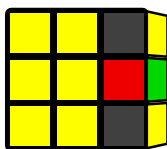
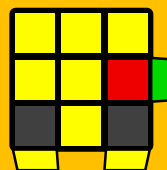
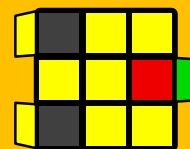


(R' F' R U) (R U' R' F)
 U2 (r U R' U') (r' F R F')

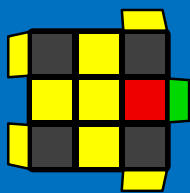
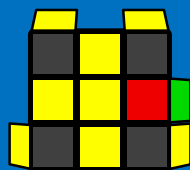
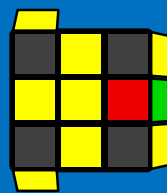
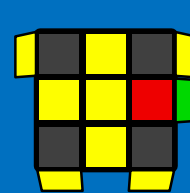
T [4]


 $(R' F' R U) (R U' R' F)$

 $(R' F' R U) (R U' R' F)$
 $U R' U2' R U R' U R$

 $U' F' (R U R' U') (R' F R)$
 $R2' D' (R U2 R' D) (R U2 R)$

 $U' F' (R U R' U') (R' F R)$
 $R' U' R U' R' U2 R$

U [4]


 $U' (R' D' R U') (R' D R U)$
 $(R U R')$

 $U (R U' R') (U' R' D' R)$
 $(U R' D R)$

 $U' F' (R U R' U') (R' F R)$
 $R U R' U R U2' R'$

 $U' (F' R U R') (U' R' F R)$
 $R2 D (R' U2 R D') (R' U2 R')$

Pi [4]


 $(R U2' R' U) (R U2 R' U')$
 $(R U2 R')$

 $(R U R' U2') (R U R' U')$
 $(R U2 R')$

 $U2 (R U2' R' U) (R U' R'$
 $U2 R U' R')$

 $U2' (R U R' U2') (R U2'$
 $R' U2 R U' R')$