



BLE 公式 (布鲁克斯末棱)

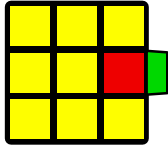
公式来自 Feliks Zemdegs, Anthony Brooks



BLE [27] 在顶棱正向时, 插入末组 F2L 棱并还原顶角向. 预备: COLL.

BLE = 纯 BLE; **BLE** = 破坏 F2L 角 + 还原 F2L; **BLE** = 直接插入 F2L 棱 + OLL.

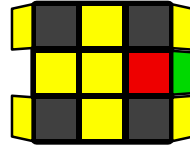
CO [1]



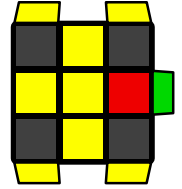
$$U (R U' R' U) (R U2' R' U R U R')$$

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

H [2]



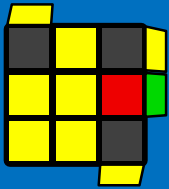
$$U' (R U' R' U) (R U R' U$$

$$R U R')$$


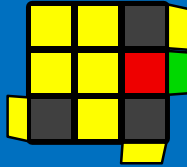
$$(R U' R' U) (R U' R' U R$$

$$U R')$$

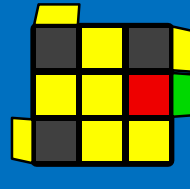
S [4]



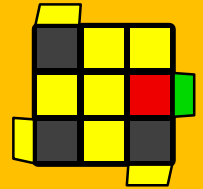
$$(R U R' U2') (R U R' U2'$$

$$R U' R')$$


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

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


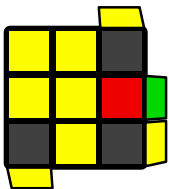
$$U (R U' R' U) (R U R' U2'$$

$$R U R')$$


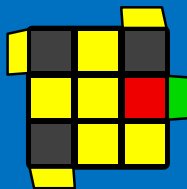
$$U' F' (R U R' U) (R' F R)$$

$$U R' U2' R U R' U R$$

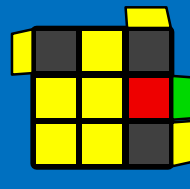
AS [4]



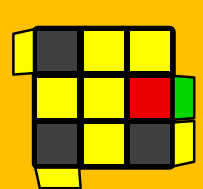
$$U' F' (R U R2' U) (R' F R$$

$$U R)$$


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

$$U' R U R')$$


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

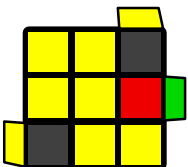
$$U2 R U' R')$$


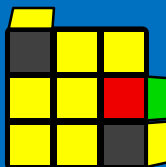
$$U' F' (R U R' U) (R' F R)$$

$$U R U2' R2' U' R2 U' R2'$$

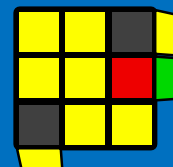
$$U2' R$$

L [4]

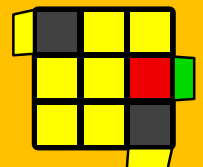


$$U' F' (R U R' U) (R' F R)$$


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

$$R U' R' U' R)$$


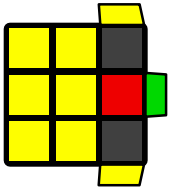
$$U (R U' R' U) y' (R' U R$$

$$U R' U2' R)$$


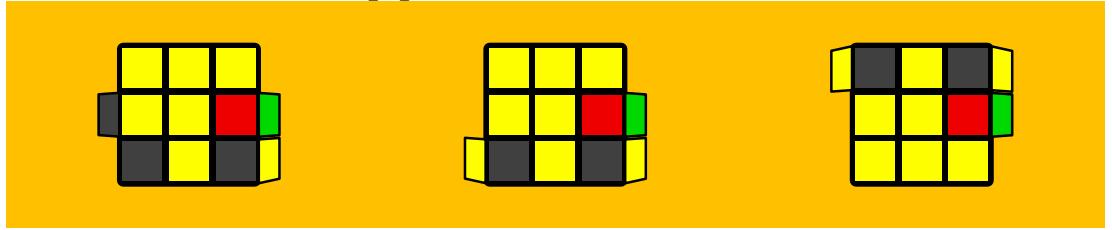
$$(R' F' R U) (R U' R' F)$$

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

T [4]



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

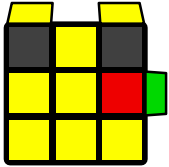


$(R' F' R U) (R U' R' F)$
 $U R' U2' R U R' U R$

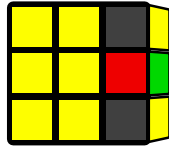
$U' F' (R U R' U') (R' F R)$
 $R2' D' (R U2 R' D) (R U2 R)$

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

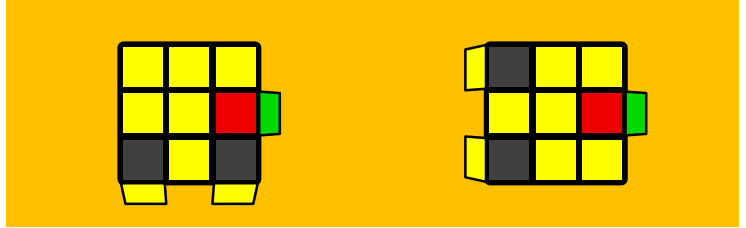
U [4]



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



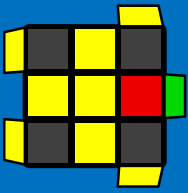
$U (R U' R') (U' R' D' R)$
 $(U R' D R)$



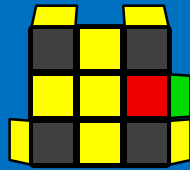
$U' F' (R U R' U') (R' F R)$
 $R U R' U R U2' R'$

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

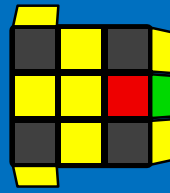
Pi [4]



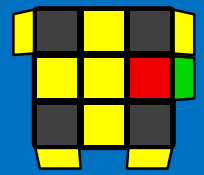
$(R U2' R' U) (R U2 R' U')$
 $(R U2 R')$



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



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



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