

Tous les F2L



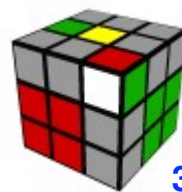
1 ✓

U (R U' R')



2 ✓

y' U' (R' U R)



3 ✓

y' (R' U' R)



4 ✓

(R U R')



5 ✓

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



6 ✓

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



7 ✓

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



8 ✓

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



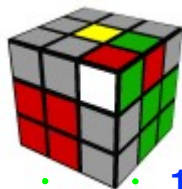
9 ✓

U' (R U' R' U) y' (R' U' R)
d (R' U' R U')(R' U' R)



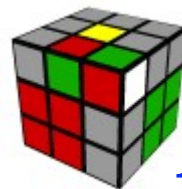
10 ✓

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



11 ✓

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



12 ✓

R' U2' R2 U R2' U R
d (R' U2 R) d' (R U R')



13 ✓

y' U (R' U R U') (R' U' R)
d (R' U R U')(R' U' R)



14 ✓

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



15 ✓

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



16 ✓

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



17 ✓

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



18 ✓

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



19 ✓

 $U (R U^2 R') U (R U' R')$ 

20 ✓

 $y' U' (R' U^2 R) U' (R' U R)$ 

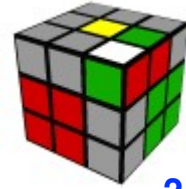
21 ✓

 $U^2 (R U R' U) (R U' R')$ 

22 ✓

 $y' U^2 (R' U' R U') (R' U R)$ 

23 ✓

 $U^2 R^2 U^2 (R' U' R U') R^2$
 $U (R' F R F') (R U R') U^2 (R U'$
 $R')$ 

24 ✓

 $y' U^2 R^2 U^2 (R U R' U) R^2$
 $U' (F R' F' R) y' (R' U' R) U^2 (R' U'$
 $R)$ 

25 ✓

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

26 ✓

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

27 ✓

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

28 ✓

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

29 ✓

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

30 ✓

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

31 ✓

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

32 ✓

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

33 ✓

 $(U' R U' R') U^2 (R U' R')$ 

34 ✓

 $U (R U R') U^2 (R U R')$ 

35 ✓

 $U^2 (R U' R') U' (F' U' F)$
 $(U' R U R') d (R' U' R)$ 

36 ✓

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



37

La paire est résolue



38

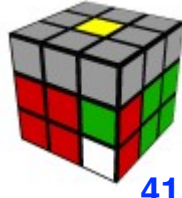


39

$(R\ U'\ R')\ d\ (R'\ U2\ R)\ U2'\ (R'\ U\ R)$
 $(R\ U'\ R')\ d\ (R'\ U'\ R)(U'\ R'\ U'\ R)$



40



41



42

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