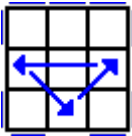
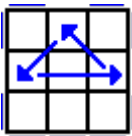
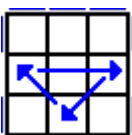
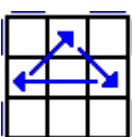
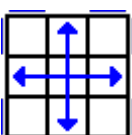
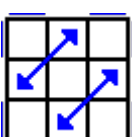
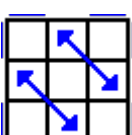
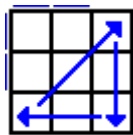


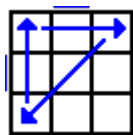
【来去英雄传】 作者：张砷镓 2010. 8. 26

编号	CASE	公式
1		$(R \underline{U}' R) U (R U R \underline{U}' R' \underline{U}' R^2)$
		$(R'^2 U' R' U') (R U R) U (R U' R)$
		$(R'^2 U) (R U R' \underline{U}') (R' \underline{U}') (R' U R')$
2		$(R' U R' \underline{U}') (R' \underline{U}') (R' U R) U R^2$
		$M^2 U M^2 U^2 M^2 U M^2$
3		$\underline{U}' M' U M^2 U M^2 U M' U^2 M^2$
		$M' U M^2 U M^2 U M' U^2 M^2 U'$

5

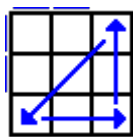


$x' R^2 D^2 (R' U' R) D^2 (R' U R')$

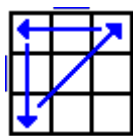


$(R U R' F') (r U R' \underline{U}') (r' F R^2 U' R')$

6

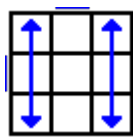


$x' (R \underline{U}' R) D^2 (R' U R) D^2 R^2$

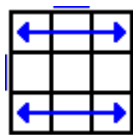


$(r \underline{U}' L D'D') (L' U L D'D' L^2)$

7

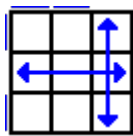


$x' (R \underline{U}' R' D R U R' D') (R U R' D R \underline{U}' R' D')$

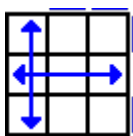


$(U x') (R \underline{U}' R' D R U R' D') (R U R' D R \underline{U}' R' D')$

8

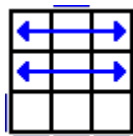


$(R U R' \underline{U}') (R' F R^2) (\underline{U}' R' \underline{U}') (R U R' F')$

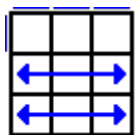


$(L' \underline{U}' L U) (r \underline{U}' L' r' U L U L' \underline{U}' r U)$

9

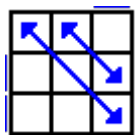


$(R' U R \underline{U}') (R'^2 F') (U' F U R) x (U R' \underline{U}' R^2)$

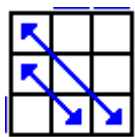


$(R' U^2 R') d' (R' F' R^2 \underline{U}' R' U R' F R) \underline{U}' F$

10

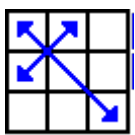


$(R' U R') d' (R' F' R^2) (\underline{U}' R' U R' F R) F$

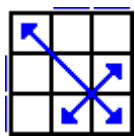


$(L' U L' y') (\underline{U}' R' F' R^2) (\underline{U}' R' U R' F R) F$

11

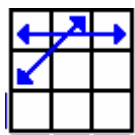


$F (R \underline{U}' R' \underline{U}' R U R') \underline{F}' (R U R' \underline{U}') (R' F R F')$

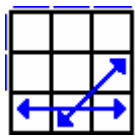


$(L' \underline{U}' r) D^2 (r' U L U) y (R^2 \underline{U}' R^2' \underline{U}' R^2)$

12

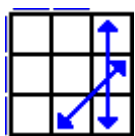


$x' (R^2 \underline{u}' R' u) R^2 x' y' (R' U R' \underline{U}' R^2)$

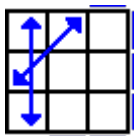


$L' (U R' z) (R^2 U R' \underline{U}' R^2) U D$

13

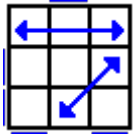


$(R U R') F' (R U R' \underline{U}') (R' F R^2) \underline{U}' R'$

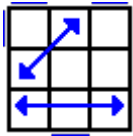


$x' (r U r' U' r U r' F') (r' F r^2 U' L')$

14

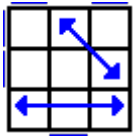


$(R' U^2) (R U' \underline{U}') (R' F) (R U R' \underline{U}') R' F' R^2$

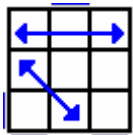


$(L' U^2) (L U' \underline{U}') (r' U r) U (L' \underline{U}' r' \underline{U}') L r$

15

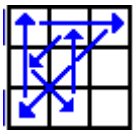


$(R U' \underline{U}') (R' U^2) (R B' R' \underline{U}') (R U R B R'^2)$

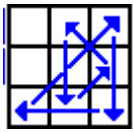


$(R U' \underline{U}' R'^2 F R) (F' R \underline{U}' R' F U) F (R \underline{U}' R')$

16

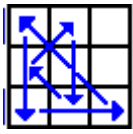


$(R U R') y' (R^2 \underline{u}' R U') (R' U R' u) R^2$

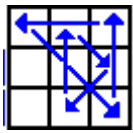


$(L U L') y (R'^2 \underline{u}' R U') (R' U R') u R^2$

17

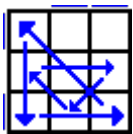


$(R' d' F) (R^2 u R') (U R \underline{U}') (R u' R'^2)$

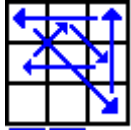


$(L' \underline{U}' r U' U') x' y' (u R' U R U' R \underline{u}' R'^2)$

18

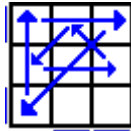


$(R'^2 \underline{u}' R \underline{U}' R) (U R' u R U' \underline{U}' U')$

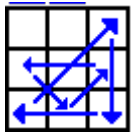


$(L^2 \underline{u}' L) (\underline{U}' L U L' D) (F^2 R \underline{U}' R')$

19

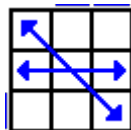


$(R^2 u) (R' U R' \underline{U}') (R \underline{u}') (R'^2 b' R b)$



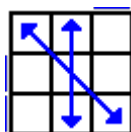
$(I \underline{U}' \underline{U}') (L \underline{U}' R' U) (F L' F') (\underline{U}' R \underline{U}' R')$

20



$(R' U R' F) (R \underline{F} R \underline{U}' R' \underline{F}') U (F R U R' \underline{U}' R)$

21



$z (U R' D R'^2 \underline{U}' R D')^2$

时间

1.0s

1.1s

1.1s

1.1s

1.1s

1.3s

1.3s

1.1s

1.2s

1.1s

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1.6s

1.2s

1.2s

1.6s

1.6s

1.4s

1.5s

1.5s

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1.3s

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