

【三国演义】 作者：张砷镓 2009.9.7

编号	槽位	公式	时间
A0		$(R \ U' \underline{U} \ R' \ U) (R \ U' \underline{U} \ R') (U \ y') (R' \ \underline{U}' \ R)$	1.3s
	FR		
		$(L' \ U \ L \ \underline{U}' \ y) (L \ U2) (L' \ U2) (L \ \underline{U}' \ L')$	1.6s
	FL		
BL		$(L \ U2 \ L' \ U) (L \ U2 \ r' \ F) (\underline{U}' \ F' \ U)$	1.6s
BR		$(R' \ U \ R \ \underline{U}' \ y) (R \ U' \underline{U}') (R' \ U2) (R \ \underline{U}' \ R')$	1.5s
A1		$(U \ R \ \underline{U}' \ R') F (R' \ F' \ R)$	0.8s
	FR		



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

1.0s

FL



$(U\ L\ U' L') x' U (L' U' L)$

1.0s

BL



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

1.2s

BR

A2



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

0.9s

FR



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

0.8s

FL



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

1.3s

BL



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

1.1s

BR

B1



$(U R \underline{U}' R')^*3$

0.9s

FR



$(\underline{U}' L' U L)^*3$

1.1s

FL



$(U L \underline{U}' L')^*3$

1.2s

BL



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

1.0s

BR

B2



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

0.6s

FR



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

0.8s

FL



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

0.8s

BL



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

0.8s

BR

C1



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

1.1s

FR



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

1.4s

FL



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

1.3s

BL



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

1.3s

BR

C2



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

1.1s

FR



$(L' U) (L \underline{U'}) (L' U2) (L \underline{U'}) (L' U L)$

1.2s

FL



$(L \underline{U'} L') (\underline{U'} L U L') U2 (L \underline{U'} L')$

1.5s

BL



$(R' U) (R \underline{U'}) (R' U2) (R \underline{U'}) (R' U R)$

1.0s

BR

D1



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

1.1s

FR



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

1.4s

FL



$L2 y' (R U R' \underline{U}') y (L' U L')$

1.6s

BL



$(R' U R' \underline{U}' F U) (F R2)$

1.0s

BR

D2



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

1.2s

FR



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

1.4s

FL



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

1.3s

BL



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

1.2s

BR

E1



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

0.7s

FR



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

0.6s

FL



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

0.8s

BL



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

0.6s

BR

E2



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

0.5s

FR



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

0.8s

FL



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

0.6s

BL



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

0.8s

BR

F1



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

0.5s

FR



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

0.5s

FL



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

0.7s

BL



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

0.8s

BR

F2



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

0.8s

FR



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

0.7s

FL



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

0.9s

BL



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

0.6s

BR

G1



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

1.0s

FR



FL

$U (L' U) (L U^2) (L' U L)$

1.0s



BL

$U (L U L') U^2 (L U L')$

1.0s



BR

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

1.0s

G2



FR

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

0.7s



FL

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

1.0s



BL

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

1.1s



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

1.0s

BR

H1



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

1.1s

FR



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

1.2s

FL



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

1.2s

BL



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

0.8s

BR

H2



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

0.9s

FR



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

1.3s

FL



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

1.2s

BL



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

1.2s

BR

I1



$F (R' F' R)$

0.4s

FR



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

0.3s

FL



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

0.4s

BL



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

0.3s

BR

I2



$U R \underline{U}' R'$

0.3s

FR



$F' (r U r')$

0.4s

FL



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

0.3s

BL



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

0.4s

BR

J1



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

0.9s

FR



FL

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

1.2s



BL

$L' U^2 (L^2 U) (L'^2 U) L$

1.0s



BR

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

1.2s

J2



FR

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

1.0s



FL

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

1.3s



BL

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

1.4s



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

0.9s

BR

K1



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

0.8s

FR



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

1.1s

FL



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

1.0s

BL



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

1.3s

BR

K2



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

1.1s

FR



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

1.2s

FL



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

1.3s

BL



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

1.1s

BR

L1



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

0.8s

FR



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

1.1s

FL



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

1.0s

BL



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

1.0s

BR

L2



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

0.9s

FR



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

0.9s

FL



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

1.0s

BL



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

0.9s

BR

M1



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

1.0s

FR



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

1.3s

FL



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

1.3s

BL



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

1.2s

BR

M2



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

1.2s

FR



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

1.4s

FL



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

1.3s

BL



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

1.3s

BR

N1



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

1.0s

FR



$(L' U2) (L U L' \underline{U'} L)$

1.0s

FL



$y (R' U2) (R U R' \underline{U'} R)$

1.0s

BL



$(R' U2) (R U R' \underline{U'} R)$

0.8s

BR

N2



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

0.7s

FR



$y' (R \text{ } \underline{U'U'}) (R' \text{ } \underline{U'} R U) R'$

1.0s

FL



$(L U2) (L' \text{ } \underline{U'}) (L U L')$

0.8s

BL



$(R' \text{ } \underline{U'}) (R U R' \text{ } \underline{U'}) (R \text{ } \underline{U'U'} y) (R' \text{ } \underline{U'} R)$

1.0s

BR

Q1



$(U y') (R' \text{ } \underline{U'} R \text{ } \underline{U'U'}) (R' U R)$

1.0s

FR



$U (L' \text{ } \underline{U'}) (L U2) (L' U L)$

1.0s

FL



$y (U R' \text{ } \underline{U'} R \text{ } \underline{U'U'}) (R' U R)$

1.1s

BL



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

0.8s

BR

Q2



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

0.8s

FR



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

1.2s

FL



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

1.1s

BL



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

1.1s

BR

R1



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

0.8s

FR



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

1.1s

FL



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

1.0s

BL



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

1.0s

BR

R2



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

0.9s

FR



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

1.2s

FL



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

1.2s

BL



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

0.8s

BR

S1



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

1.1s

FR



$U (L' U^2 L U^2) (L' U L)$

1.2s

FL



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

1.3s

BL



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

1.0s

BR

S2



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

0.8s

FR



FL

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

1.3s



BL

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

1.2s



BR

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

1.0s

T1



FR

$R U R'$

0.2s



FL

$y' (R U R')$

0.4s



BL

$L U L'$

0.2s



$y (R \ U \ R')$

0.4s

BR

T2



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

0.4s

FR



$L' \ \underline{U}' \ L$

0.3s

FL



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

0.4s

BL



$R' \ \underline{U}' \ R$

0.3s

BR

U1



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

1.1s

FR



FL

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

0.8s



BL

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

1.0s



BR

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

0.7s

U2



FR

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

0.8s



FL

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

1.0s



BL

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

1.0s



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

1.2s

BR

V1



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

0.8s

FR



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

0.7s

FL



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

0.9s

BL



$f\ U\ R^2\ \underline{U'}\ f'$

1.0s

BR

V2



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

0.8s

FR



FL

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

1.0s



BL

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

1.2s



BR

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

0.8s