

even cubes

edge pairing



$r U2 (l D2 l' U2) l D2 l2$



$r (l D2 l' U2) (l D2 l' U2) r'$

parities



$r2 U2 r2 (Uu)2 r2 u2$



$r2 B2 U2 l U2 r' U2 r U2 F2 r F2 l' B2 r2$



$R' U R U$
 $(r2 U2 r2 (Uu)2 r2 u2)$
 $U' R' U' R$



$(r2 U2 r2 (Uu)2 r2 u2)$
 $L' U R' U2 L U' R L' U R' U2 L U' R U'$



$r2 B2 r' U2 r' U2 B2 r' B2 r B2 r' B2 r2 B2$



$(r2 U2 r2 (Uu)2 r2 u2)$
 $y' R U R' U' R' F R2 U' R' U' R U R' F'$

Ortega

OLLs



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



$R U R' U R U2 R'$



$F R U R' U' F' R U$



$R2 U2 R U2 R2$

PLLs



$R2 F2 R2$



$R U' R F2 R' U R'$



$R2 U R2 U2 F2 U F2$



$R U' R' U' F2 U' R U R' D R2$



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

Megaminx

edge flips



$R D F D' F' R'$



$R F D F' D' R'$

permutate edges



$R D R' D R D' D' R'$



$R D D R' D' R D' R'$



$R D R' D D R D D R'$

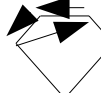


$R D' D' R' D' D' R D' R'$

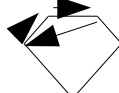


$R D R' D R D' R' D D R D D R'$

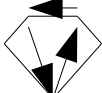
permutate corners



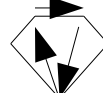
$R U R' D R U' R' D$
 $R U R' D' D' R U' R'$



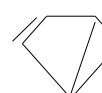
$R U R' D D R U' R' D'$
 $R U R' D' R U' R'$



$R U R' D R U' R' D D$
 $R U R' D D R U' R'$



$R U R' D' D' R U' R' D' D'$
 $R U R' D' R U' R'$

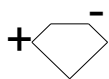


$R U R' D R U' R' D R U R' D'$
 $R U' R' D D R U R' D D R U' R'$

rotate corners



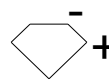
$R U' R' F' U' F D F' U F R U R' D'$



$R U' R' F' U' F D D F' U F R U R' D' D'$

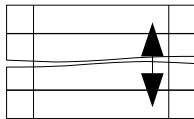


$R U' R' F' U' F D' D' F' U F R U R' D D$

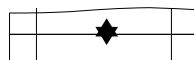


$R U' R' F' U' F D' F' U F R U R' D$

Parity for odd Cubes



$(Ll)' U2 (Ll)' U2$
 $F2 (Ll)' F2 (Rr)$
 $U2 (Rr)' U2 (Ll)2$



$(Rr)2 B2$
 $U2 (Ll)' U2 (Rr)' U2 (Rr) U2$
 $F2 (Rr)' F2 (Ll)'$
 $B2 (Rr)2$