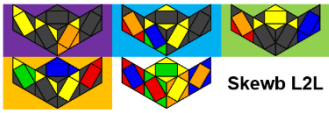
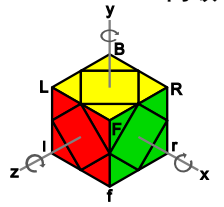


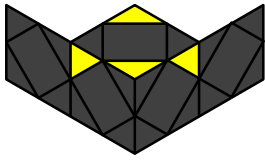
斜转 L2L 法 (二步法) (最后两层)

公式来源 Sarah Advanced - <http://sarah.cubing.net/skewb/advanced-variation-by-case.pdf>
 L2L - <http://scribd.com/document/379738419/L2L-Skewb-1>
 NS2.0 - http://mofangshe.com/zb_users/upload/2016/4/NS%202.0.pdf

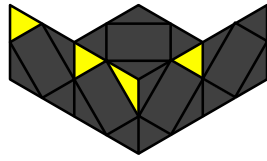


Skewb L2L

Peanut



Pi



符号

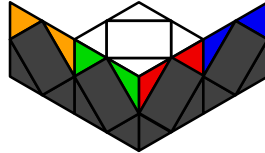
$S = r' R r R'$, $H = R r' R' r$.

Cancellation: $H z' H = R r' R' r' z' r' R' r$,

$S z S = r' R r R z R r R'$.

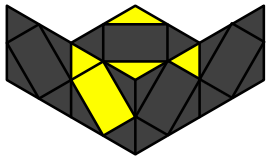
态 (情况): 一叠 [2] + 二叠 [14] + 三叠 [62] + 四叠 [43] + 五叠 [13] = L2L [134].

FL (底层)

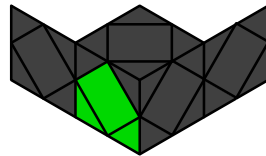


LL (顶层)

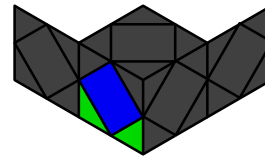
假设 BL, FL, FR, BR 面的底角分别为红, 绿, 橙, 蓝. 除了 12 个三叠外, 所有一二三叠都用 SH 叠加 (SH 流); 所有四五叠都用纯公式 (即非 SH 叠加). 一般地, 观察顺序为:



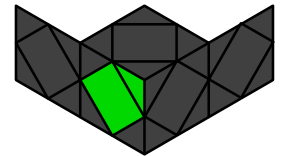
1. 范畴



2. 同心

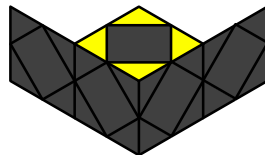


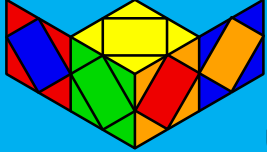
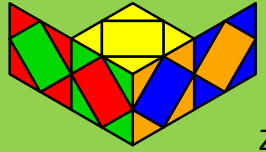
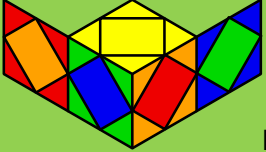
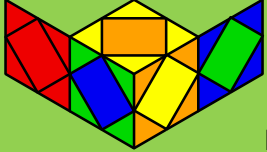
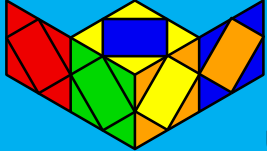
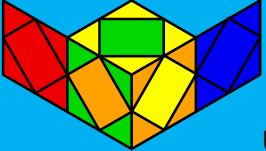
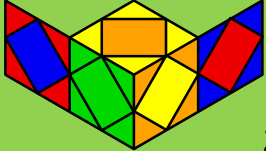
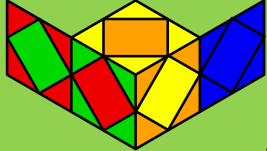
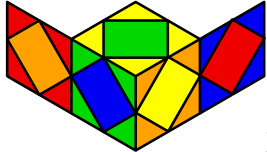
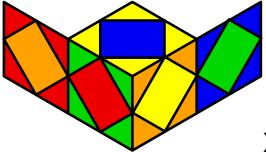
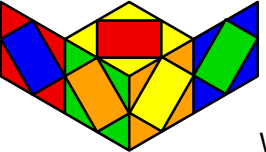
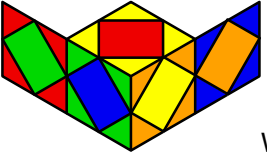
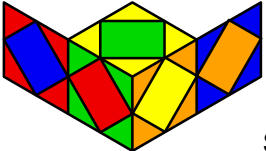
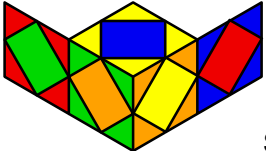
3. 对心



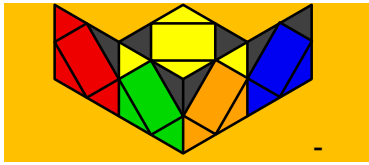
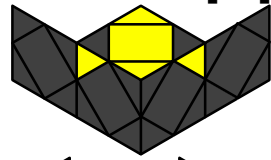
4. 箭头

L5C (后五心) [14]

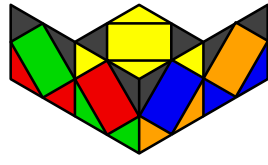


			
U1	Z1	H1	H2
$(S z z' S)$	$(r' l' B' l) (B l r' l' r)$	$r R' r R' y L' l L' l$	$x S S S$
			
U2	U3	Z2	Z3
$y' F (S z z' r' R r R)$	$y' L (r R' r' R y' H) F'$	$x R' b' r' R r z' r B r'$	$y x R r R' y' r' R' x y' r' R$
			
X1	X2	W1	W2
$y^2 x r' R' r B r' H B r' R$	$y' x B' r' R' r B r' R r z' r' R r R'$	$y^2 x S r R y' r' R r B' r$	$x (H B r')^2$
			
S1	S2		
$y^2 x r' R' r B r' R r z' r' S$	$y^2 x r' R r b z' B' R r' R' B' r$		
b'	B' r		

Peanut - U [12]

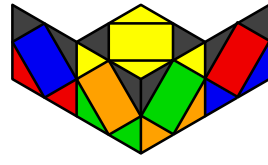


$y' x S (S z S) S$
 $y^2 x r' R' z' r B' R' R y' r'$
 $R' r$



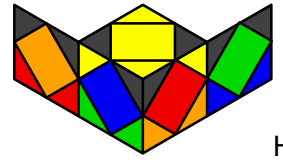
Z1

$x R r' R' R' r' z' r' R r B' R$



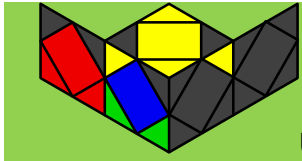
Z2

$y x r' R' r R' R' r' z' r' R'$
 $r B$



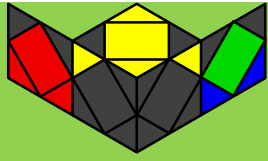
H

$y x r' R' r R' B R B' H R$



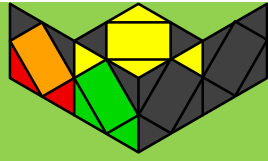
U1

$y x (H z' H) z' S$
 $R r' l r R' r' l' r$



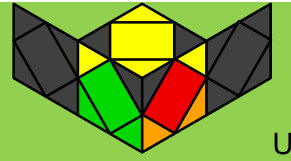
U2

$y' x S z H z H$
 $y^2 x R r R' B R B' r' R r R$
 r'



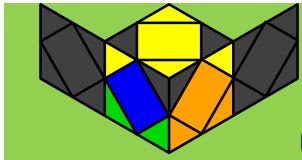
U3

$x H z H z S$
 $x r' z r R r' R' r' z' r' R r'$



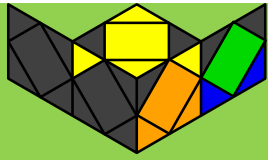
U4

$y^2 x S z' (H z' H)$
 $y^2 x r R' r' B' r R r' B$



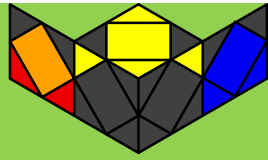
U5

$y x H z (S z S)$
 $z r' R r y r R' B' R r'$



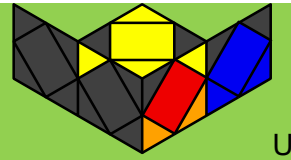
U6

$y' x S z' S z' H$
 $x r' R' z' r' R r z R r R r' R'$



U7

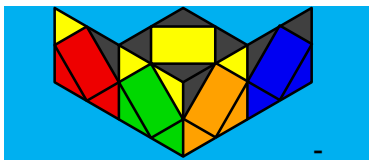
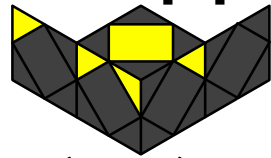
$x H z' S z' S$
 $x R' B' R r' y' r' R' z' R r R'$



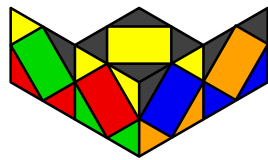
U8

$y^2 x (S z S) z H$
 $x B' r R' r' B r R r'$

Pi - U [12]

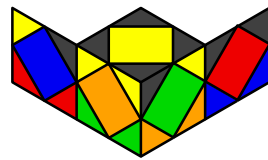


$x S S$



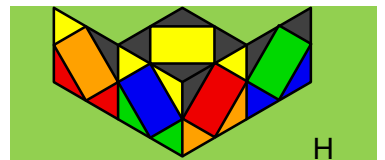
Z1

$y x R r R' r' z' r' R r z R r'$
 R'



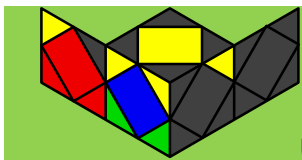
Z2

$y' x r' R' r B R B' R' r' R r$



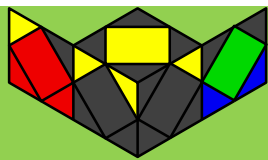
H

$y^2 x (S z^2' S) z^2 H$
 $y' x r B R B' r^2' R r R$



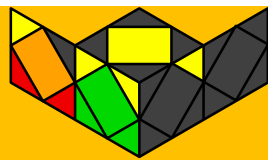
U1

$y x S z' S z' S$
 $y^2 x R B' r' R r z R' r R'$



U2

$y' x (S z S) z S$
 $y' x R' r R' B b r' R r'$



U3

$x S S x' z^2 (S z^2' S)$
 $y' f r' H B r'$



U4

$x S S x' (S z^2' S)$
 $y^2 x l' B b' r B r' R' r$



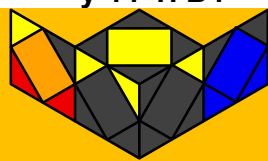
U5

$y x H z H z H$
 $x B R' B' r' R' r B R'$



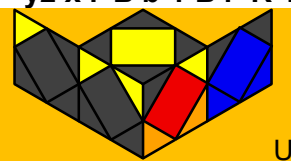
U6

$y' x (H z' H) z' H$
 $y' x z' R B' R' r' z' r' y r R r'$



U7

$x S S x z^2 (S z^2' S)$
 $x r B' S r B'$

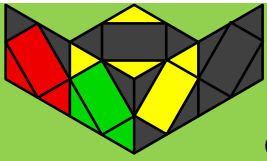
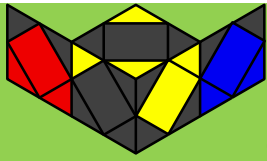
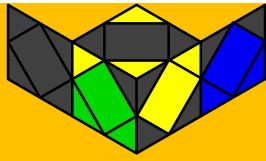
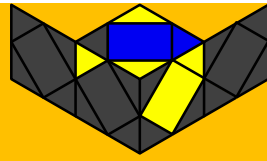

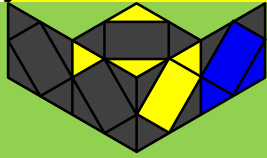
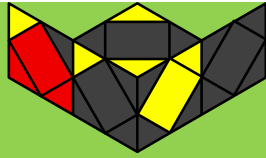
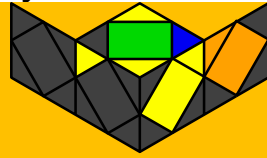
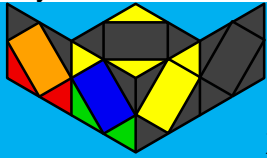
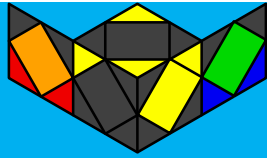
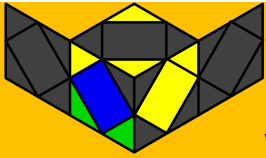
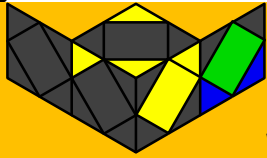


U8

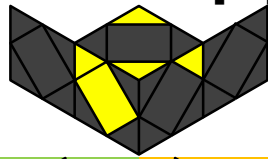
$x S S x (S z^2' S)$
 $y^2 z' r' R r B' r' b B' R$

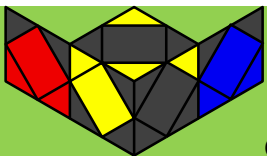
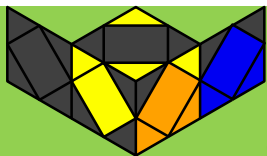




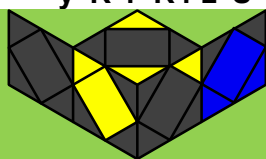

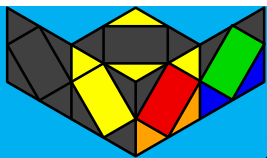
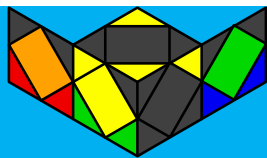
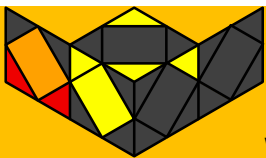

Peanut - FR [12]



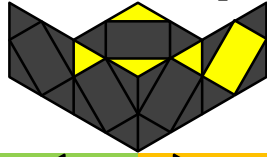
 O1 $y x S z H z^2 S$ $y' r' R' r' R z' r' R r$	 O2 $y' x (H z' H) z^2 S$ $y^2 x r' R' r R z R r R' r'$	 O3 $y^2 x S z^2 H z' S S$ $z' S z' R r R' r'$	 S1 $y x H z (H z' H) z H$ $y^2 x r' R' r R' z' H B'$
 U1 $y^2 x S z' H z S$ $y x R S z H R r' R'$	 U2 $y^2 x (S z S) z' S$	 U3 $x (S z S) S$	 S2 $y' x S z' H z S z' H$ $y x r^2' R r R' z' r' R' r R'$
 X1 $y x S z' H$	 X2 $y' x H z H$	 W1 $x S z^2' (S z S) z S$ $y' r R' r' y' r l' B l B'$	 W2 $x (S z^2' S) z' H z' S$ $y x R' r' R r R z R r^2' R' r$

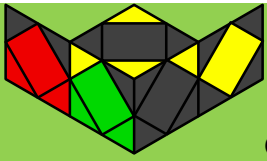

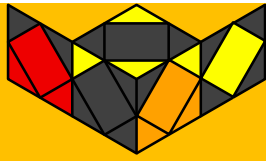
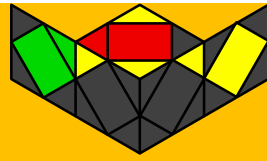


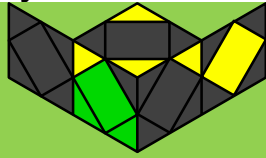
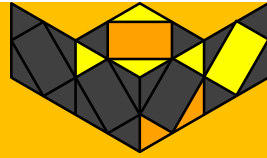
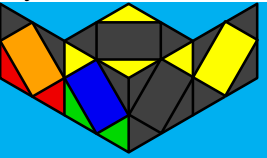
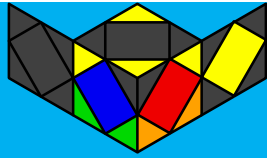

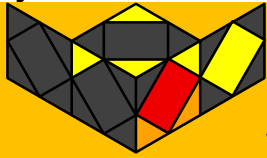
Peanut - FL [12]



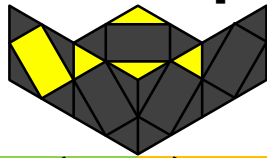
 O1 $x S z' S z^2 H$ $y^2 x B R B' R' r' R' r R$	 O2 $y^2 x H z' S z^2 H$ $y z' r' R' r l' r' R r R$	 O3 $y x H z^2 (S z S) S$ $y' R' r' R z' S$	 S1 $y^2 x S z' (S z S) z' S$ $y^2 f S z R' R r$
 U1 $y x (H z' H) z H$	 U2 $y x H z S z' H$ $y^2 x r' R' r R' B R' B' R z R$ $r' R'$	 U3 $y' x H z S S$	 S2 $x H z S z' H z S$ $y^2 x R' r' R' r B R B' R$
 X1 $y^2 x H z S$	 X2 $x S z' S$	 W1 $y' x S z^2' (S z S) z H$ $y^2 x r R r' R' r' z' r' R' r$ R'	 W1 $y' x (S z^2' S) z' (H z' H)$ $y' r' R r b' B r' z' r' R$


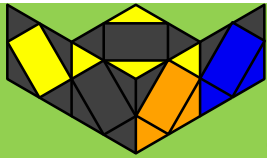
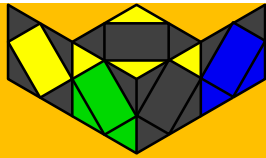
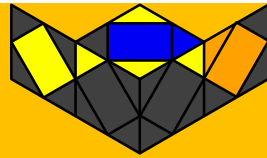

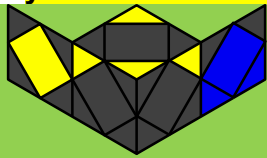

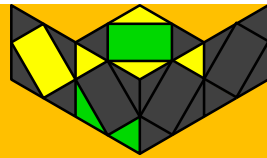
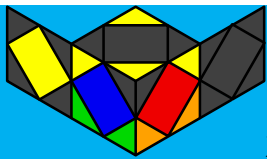
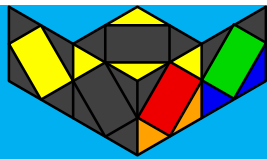
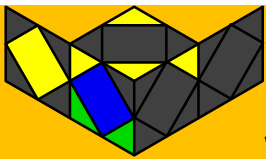
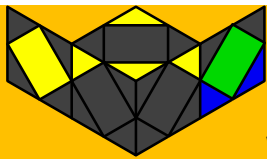
Peanut - BR [12]



			
O1	O2	O3	S1
$x S z' H z^2 S$ $y' R r R B R' B' R' r'$	$y^2 x H z H z^2 S$ $x z r R r' R' r' z' r' R r$	$y' x S z^2 H z S S$ $y r' R' r R z' R r' R' r$	$y^2 x S z H z' S z H$ $x R r' R r z R r' R' r'$
			
U1	U2	U3	S2
$y' x S z H z' S$ $y' x R r R' S r z' r' R r$	$y' x S z' (S z S)$	$y x S z' S S$	$x (H z' H) z (H z' H)$ $y^2 x r' z S z' R r' R' r'$
			
X1	X2	W1	W2
$x S z H$	$y^2 x (H z' H)$	$y x (S z^2' S) z' S z' S$ $x R' r' R' r z' r' R r z r R'$ r	$y x (S z^2' S) z H z S$ $x R r R' z' r' R r R$

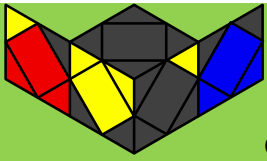
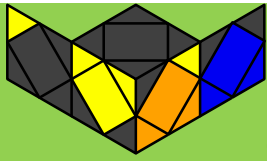
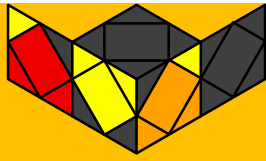
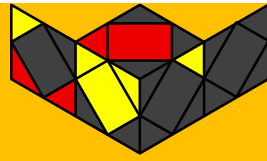


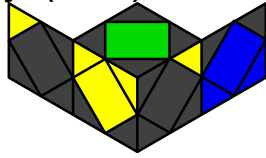
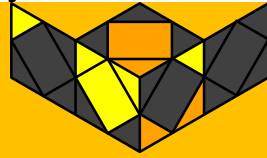
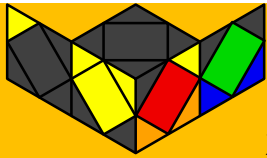
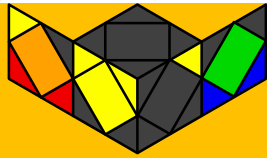
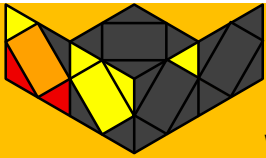

Peanut - BL [12]



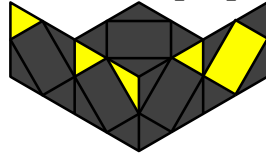
			
O1	O2	O3	S1
$y x (S z S) z^2 H$ $x R' r' R r R z R r' R'$	$y' x H z S z^2 H$ $y r R B R B' R' r' R'$	$x H z^2 S z' S S$ $y r R r' R' r' y' z' R r R'$	$y x H z' S z H z' S$ $x z r' R r' R' z' r' R r R$
			
U1	U2	U3	S2
$x H z (H z' H)$	$x H z' S z H$	$y^2 x H z' S S$	$y' x (S z S) z' (S z S)$ $x r' S z H z' r$
			
X1	X2	W1	W2
$y x (S z S)$	$y' x H z' S$	$y^2 x (S z^2' S) z' S z' H$ $x z r^2' R r R' z' r' R r$	$y^2 x (S z^2' S) z (H z' H)$ $y x R r' R' z S z' R r' R' r'$







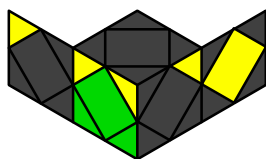

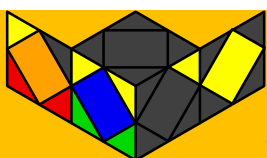

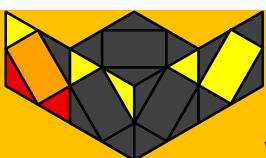

Pi - FL [12]



 O1	 O2	 O3	 S1
$x H z (S z z' S)$ $y x R r' R' S z' r' R r$	$y^2 x S z' (S z z' S)$ $y x r' R r H z R r' R'$	$x S S z' (S z z' S)$ $y^2 (r' l' r l') r' R' F r' R r$	$y^2 x (H z' H) z H z' S$ $y^2 R r' z' r' z r' R r' R r$
 U1	 U2	 U3	 S2
$y x (S z S) z H$	$y x S z (H z' H)$ $x r' R r R r' z' r' R r z r R r'$	$y x r' R r R r' z' r' R r z r R r'$	$x (S z S) z' S z H$ $x' r' R r x R' r' R B' R' r'$
 X1	 X2	 W1	 W2
$y^2 x (S z S) S S$ $x R r R' z' R r z' r' R' r B$	$x H z' S S S$ $y^2 x r' R' r l' y' z' S b'$	$y' x H z z' S z H z H$ $y^2 x r' R' r R' z' r' R' r B R'$	$y' x S z z' H z' S z' S$ $y x S r R r' R' r' z' r' R r$


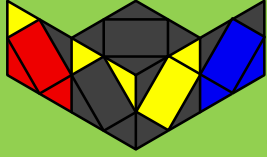
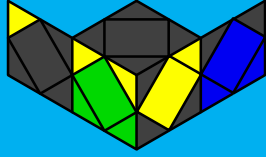
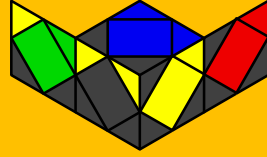

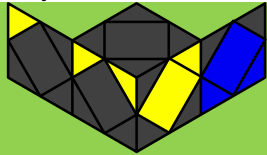
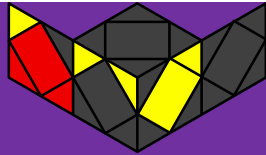
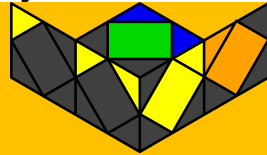
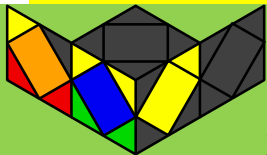
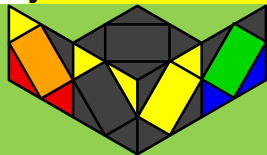
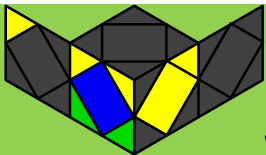
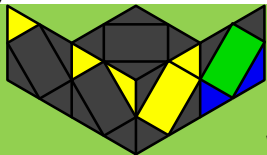
Pi - BR [12]



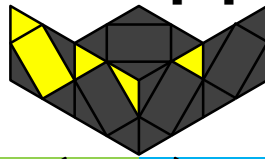
 O1	 O2	 O3	 S1
$x H z' (S z z' S)$ $y^2 z' l' r y r' R' r B' b'$	$y^2 x (S z S) z z' S$ $y x r R' r B r' R f$	$x S (S z S) z z' S$ $y^2 x r B R' B' z' r' R' r B$	$y^2 x H z (H z' H) z S$ $y' x r' R r z R r R' z' r' R' r R'$
 U1	 U2	 U3	 S2
$y' x (S z S) z' H$	$y' x S z' H z H$	$y' x r R' r' z' r' R' r z r R' r' R' r$	$x S z' (S z S) z' H$ $y' x R r' R' z' r' R' r B R' B' R$
 X1	 X2	 W1	 W2
$x H z S S S$ $x b' S z z' r' R' r R'$	$y^2 x S z' S S S$ $y x r' R z' r' R r z r R r' R$	$y x H z z' S z' (H z' H)$ $y^2 x R' r' R' z' r' R' B R' r'$	$y x S z z' H z (S z S)$ $x r z' R r B R r' R B$


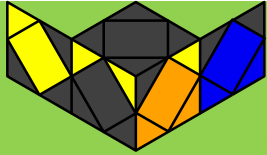
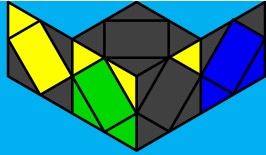
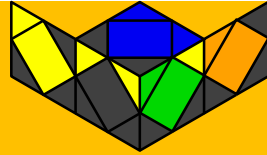
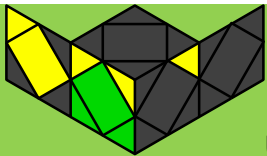
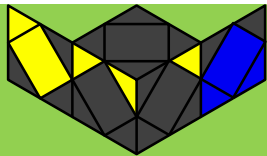
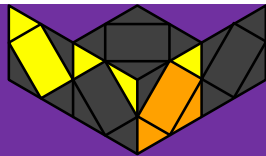
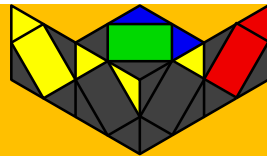
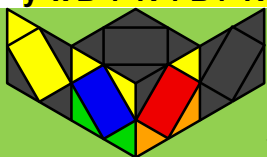

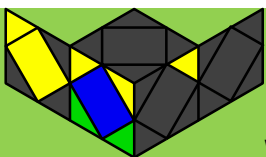
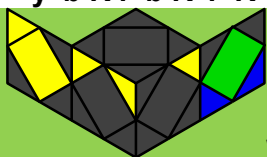
Pi - FR [12]



 O1	 O2	 O3	 S1
$x H y' z' (S z z' S)$ $y' x B R B' S r' R' r$	$x H y' z (S z z' S)$ $y' x B' R' r B' r' R r'$	$y^2 x H z^2 S$	$y x (S z S) z' H z S$ $y' z' r' R' r R' r b r R'$
 U2	 U3	 U1	 S2
$x H y z' (S z z' S)$ $x r B R B' r' B R' B'$	$x H y z (S z z' S)$ $y x r' R' r B' r' R r B$	$x H$	$y' x S z' S z H z' S$ $y x R r' R r B R' B' r' R' r$
 X1	 X2	 W1	 W2
$y^2 x S y' z (S z z' S)$ $x R r' R r z B R' B' R r$	$y^2 x S y z (S z z' S)$ $y' x r B R' B' R r z' r' R r$	$x H x (S z z' S)$	$x H x' (S z z' S)$

Pi - BL [12]



 O1	 O2	 O3	 S1
$x H x z^2 (S z z' S)$	$y^2 x S y' z' (S z z' S)$ $x r R B' r z R r' R$	$x S z^2 H$	$y x (H z' H) z S z' H$ $x R b R' z' R r' R' B' r$
 U1	 U2	 U3	 S2
$x H x' z^2 (S z z' S)$ $y' x B' r' R' r B r' R r$	$y^2 x S y z' (S z z' S)$ $y^2 x B R B' r B R' B' r'$	$y^2 x S$	$y' x H z H z' S z H$ $y' b R r' b R' r' R' r$
 X1	 X2	 W1	 W2
$y^2 x S x' z^2 (S z z' S)$ $y' x R' r' R' r' z' r' R' r z R' r$	$y^2 x S x z^2 (S z z' S)$ $x B' S z z' r' R r' R'$	$y^2 x S x' (S z z' S)$	$y^2 x S x (S z z' S)$