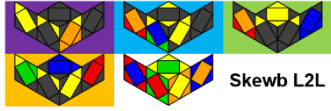
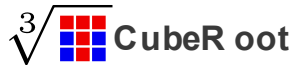


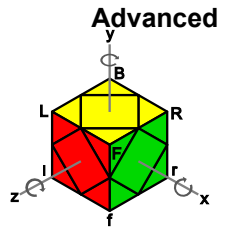
Skewb L2L [134]



Skewb L2L

Skewb L2L Method (Last Two Layers)

Algorithms from 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



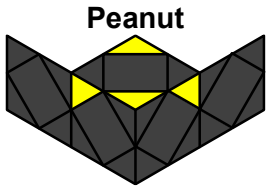
Notation

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

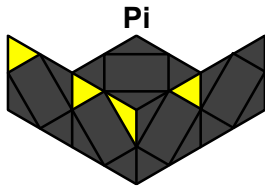
Cancellation: $H z' H = R r' R' r' z' r' R' r$,

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

States (cases): 1-combi [2] + 2-combi [14] + 3-combi [62] + 4-combi [43] + 5-combi [13] = L2L [134].

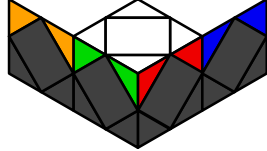


Peanut



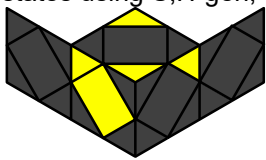
Pi

FL (First Layer)

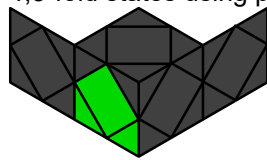


LL (Last Layer)

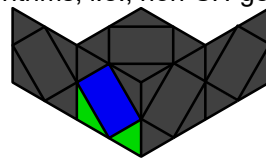
Assume that D-corners on BL, FL, FR, BR face are red, green, orange, blue, resp.. Except 12 3-fold states, solve all 1,2,3-fold states using S,H-gen; Solve all 4,5-fold states using pure algorithms, i.e., non-SH-gen,. Generally, recognition order is:



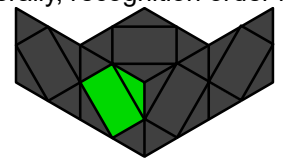
1. Category



2. Matched Centers

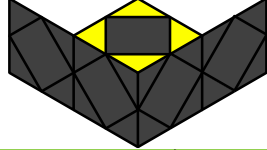


3. Opposite Centers



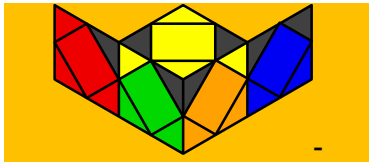
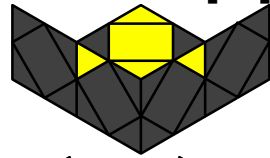
4. Arrows

L5C (Last 5 Centers) [14]

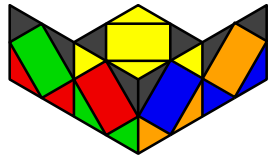


U1 $(S z z' S)$	Z1 $(r' B') (B r' r)$	H1 $r R' r R' y L' L' $	H2 $x S S S$
U2 $y' F (S z z' r' R r R)$	U3 $y' L (r R' r' R y' H) F'$	Z2 $x R' b' r' R r z' r B r'$	Z3 $y x R r R' y' r' R' x y' r' R$
X1 $y^2 x r' R' r B r' H B r' R$	X2 $y' x B' r' R' r B r' R r z' r' R r R'$	W1 $y^2 x S r R y' r' R r B'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

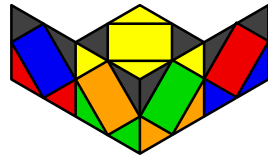
Peanut - U [12]



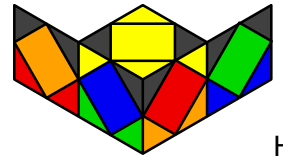
$y' x S (S z S) S$
 $y^2 x r' R' r' z' r B' R' r y' r'$
 $R' r$



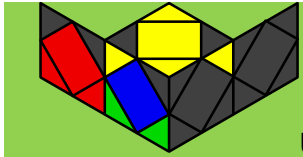
Z1
 $x R r' R' r' z' r' R r B' R$



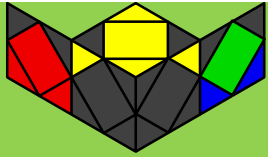
Z2
 $y x r' R' r R r' R' r' z' r' R'$
 $r B$



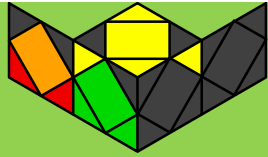
H
 $y x r' R' r' R' B R B' H R$



U1
 $y x (H z' H) z' S$
 $R r' l r R' r' l' r$



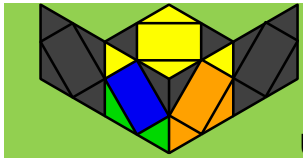
U2
 $y' x S z H z H$
 $y^2 x R r R' B R B' r' R r R$
 r'



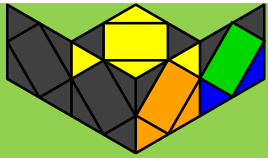
U3
 $x H z H z S$
 $x r' z r R r' R' r' z' r' R r'$



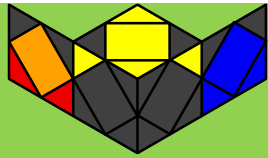
U4
 $y^2 x S z' (H z' H)$
 $y^2 x r' R' r' B' r R r' B$



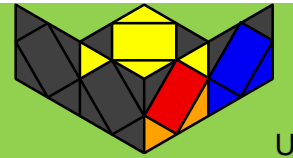
U5
 $y x H z (S z S)$
 $z' r' R r y r R' B' R r'$



U6
 $y' x S z' S z' H$
 $x r' R' z' r' R r z R r R r' R'$

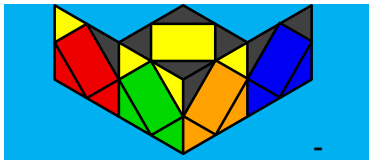
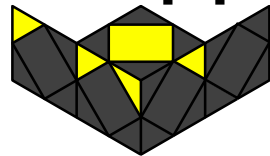


U7
 $x H z' S z' S$
 $x R' B' R r' y' r' R' z' R r R'$

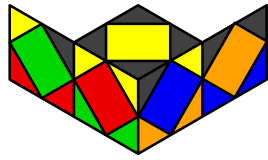


U8
 $y^2 x (S z S) z H$
 $x B' r R' r' B r R r'$

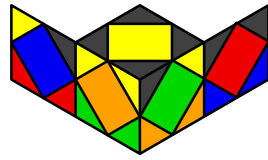
Pi - U [12]



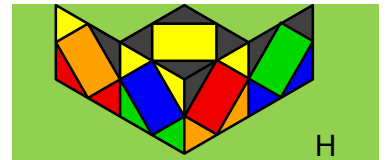
$x S S$



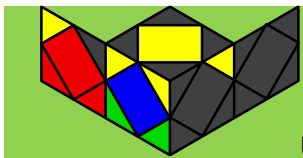
Z1
 $y x R r R' r' z' r' R r z R r'$
 R'



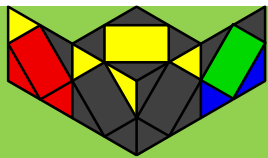
Z2
 $y' x r' R' r B R B' R' r' R r$



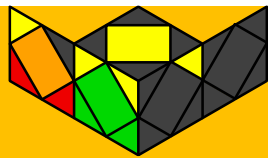
H
 $y^2 x (S z^2' S) z^2 H$
 $y' x r B R B' r^2' R r R$



U1
 $y x S z' S z' S$
 $y^2 x R B' r' R r z R' r R'$



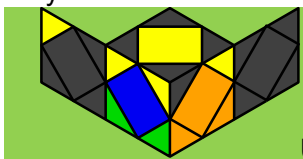
U2
 $y' x (S z S) z S$
 $y' x R' r R' B b r' R r'$



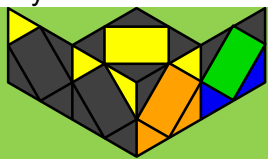
U3
 $x S S x' z^2 (S z^2' S)$
 $y' f r' H B r'$



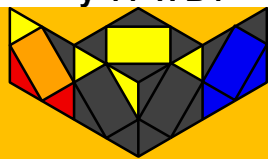
U4
 $x S S x' (S z^2' S)$
 $y^2 x l' B b' r B r' R' r$



U5
 $y x H z H z H$
 $x B R' B' r' R' r B R'$



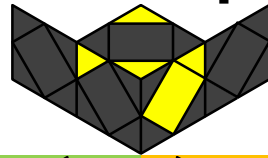
U6
 $y' x (H z' H) z' H$
 $y' x z' R B' R' r' z' r' y r R r'$



U7
 $x S S x z^2 (S z^2' S)$
 $x r B' S r B'$

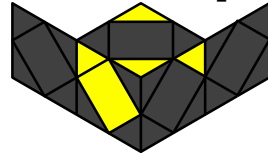


U8
 $x S S x (S z^2' S)$
 $y^2 z' r' R r B' r' b B' R$



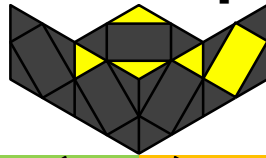
O1 y x S z H z2 S y' r' R' r' R z z' r' R r	O2 y' x (H z' H) z2 S y2 x r' R' r R z R r R' r'	O3 y2 x S z2 H z' S S z' S z' R r R' r'	S1 y x H z (H z' H) z H y2 x r' R' r R' z' H B'
U1 y2 x S z' H z S y x R S z H R r' R'	U2 y2 x (S z S) z' S	U3 x (S z S) S	S2 y' x S z' H z S z' H y x r2' R r R' z' r' R' r R'
X1 y x S z' H	X2 y' x H z H	W1 x S z2' (S z S) z S y' r R' r' y' r l' B l B'	W2 x (S z2' S) z' H z' S y x R' r' R r R z R r2' R' r

Peanut - FL [12]



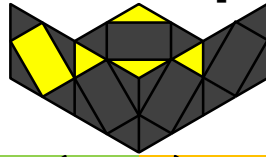
O1 x S z' S z2 H y2 x B R B' R' r' R' r R	O2 y2 x H z' S z2 H y z' r' R' r l' r' R r R	O3 y x H z2 (S z S) S y' R' r' R z z' S	S1 y2 x S z' (S z S) z' S y2 f S z R r' R r
U1 y x (H z' H) z H	U2 y x H z S z' H y2 x r' R' r R' B R' B' R z R r' R'	U3 y' x H z S S	S2 x H z S z' H z S y2 x R' r' R' r B R B' R
X1 y2 x H z S	X2 x S z' S	W1 y' x S z2' (S z S) z H y2 x r R r' R' r' z' r' R' r R'	W1 y' x (S z2' S) z' (H z' H) y' r' R r b' B r' z' r' R

Peanut - BR [12]



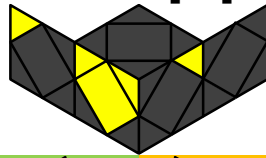
O1 x S z' H z2 S y' R r R B R' B' R' r'	O2 y2 x H z H z2 S x z r R r' R' r' z' r' R r	O3 y' x S z2 H z S S y r' R' r R z' R r' R' r	S1 y2 x S z H z' S z H x R r' R r z R r' R' r'
U1 y' x S z H z' S y' x R r R' S r z' r' R r	U2 y' x S z' (S z S)	U3 y x S z' S S	S2 x (H z' H) z (H z' H) y2 x r' z S z' R r' R' r'
X1 x S z H	X2 y2 x (H z' H)	W1 y x (S z2' S) z' S z' S x R' r' R' r z' r' R r z r R' r	W2 y x (S z2' S) z H z S x R r R' z' r' R r R

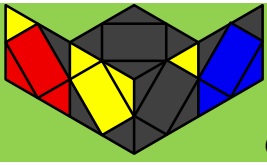
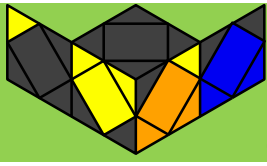
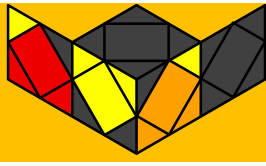
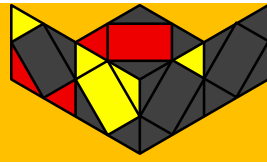
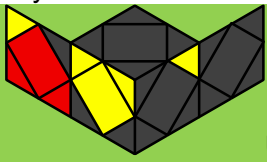

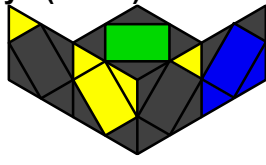
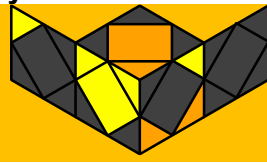
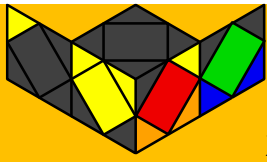
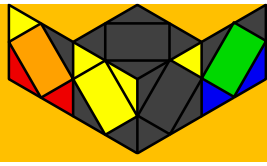
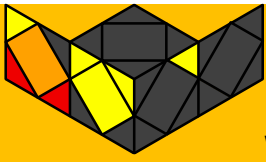

Peanut - BL [12]



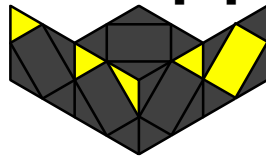
O1 y x (S z S) z2 H x R' r' R r R z R r' R'	O2 y' x H z S z2 H y r R B R B' R' r' R'	O3 x H z2 S z' S S y r R r' R' r' y' z' R r R'	S1 y x H z' S z H z' S x z r' R r' R' z' r' R r R
U1 x H z (H z' H)	U2 x H z' S z H	U3 y2 x H z' S S	S2 y' x (S z S) z' (S z S) x r' S z H z' r
X1 y x (S z S)	X2 y' x H z' S	W1 y2 x (S z2' S) z' S z' H x z r2' R r R' z' r' R r	W2 y2 x (S z2' S) z (H z' H) y x R r' R' z S z' R r' R' r'

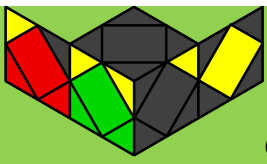
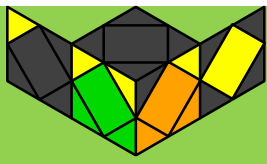
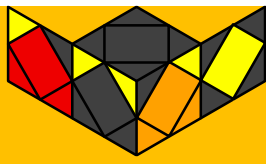
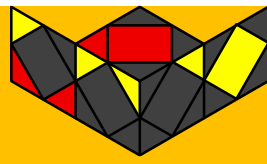
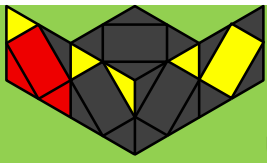

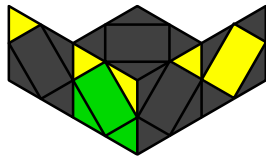
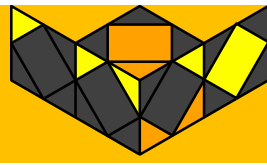
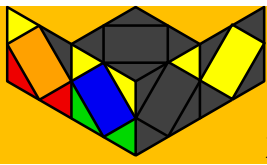
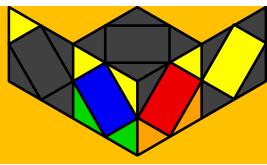
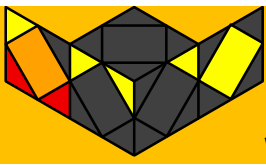
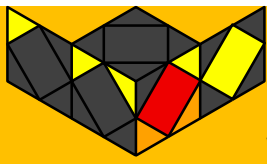
Pi - FL [12]



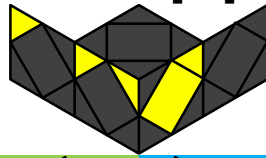
 O1	 O2	 O3	 S1
x H z (S z2' S) y x R r' R' S z' r' R r	y2 x S z' (S z2' S) y x r' R r H z R r' R'	x S S z' (S z2' S) y2 (r' l r l') r' R' F r' R r	y2 x (H z' H) z H z' S y2 R r' z' r' z' r' R r' R r
 U1	 U2	 U3	 S2
y x S z' S z H	y x S z (H z' H) x r' R r R r' z' r' R z r R r'	y x r' R r R r' z' r' R z r R r' R r'	x (S z S) z' S z H x' r' R r x R r' r' R B' R r'
 X1	 X2	 W1	 W2
y2 x (S z S) S S x R r R' z' R r z' r' R' r B	x H z' S S S y2 x r' R' r l' y' z' S b'	y' x H z2 S z H z H y2 x r' R' r R' z' r' R' r B R'	y' x S z2 H z' S z' S y x S r R r' R' r' z' r' R r


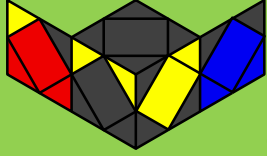
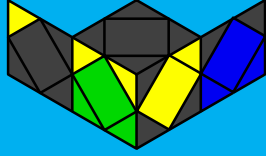
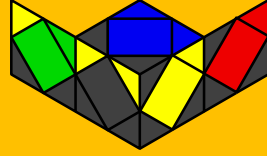

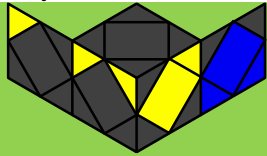
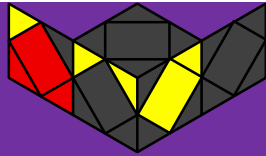
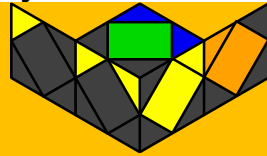
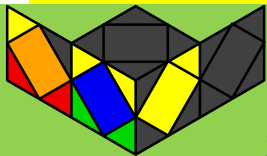
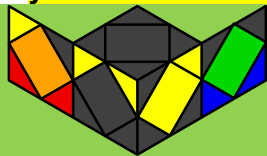
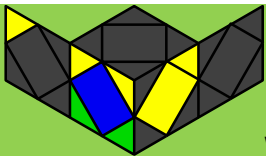
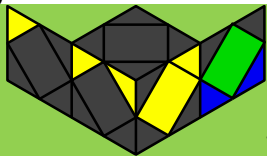
Pi - BR [12]



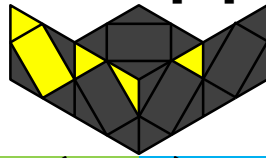
 O1	 O2	 O3	 S1
x H z' (S z2' S) y2 z' l' r y r' R' r B' b'	y2 x (S z S) z2' S y x r R' r B r' R f	x S (S z S) z2' S y2 x r B R' B' z' r' R' r B	y2 x H z (H z' H) z S y' x r' R r z R r R' z' r' R' r R'
 U1	 U2	 U3	 S2
y' x (S z S) z' H	y' x S z' H z H	y' x r R' r' z' r' R' r z r R' r' R' r	x S z' (S z 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 z2 r' R' r R'	y2 x S z' S S S y x r' R z' r' R r z r R r' R	y x H z2 S z' (H z' H) y2 x R' r' R' z' r' R' B R' r'	y x S z2 H z (S z S) x r2' R r B R r' R B


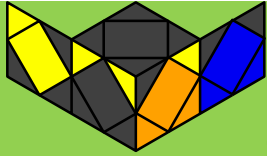
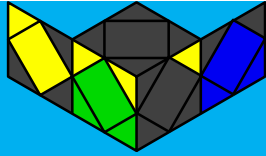
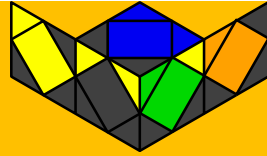
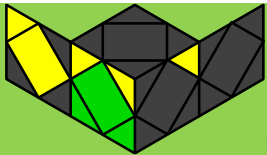
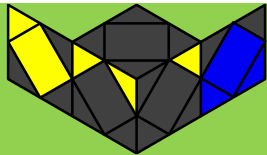
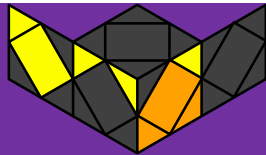
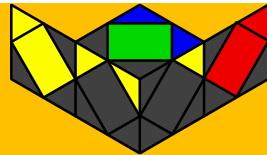

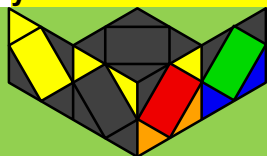


Pi - FR [12]



 O1	 O2	 O3	 S1
$x H y' z' (S z2' S)$ $y' x B R B' S r' R' r$	$x H y' z' (S z2' S)$ $y' x B' R' r B' r' R' r'$	$y2 x H z2 S$	$y x (S z S) z' H z S$ $y' z' r' R' r R' r b r R'$
 U2	 U3	 U1	 S2
$x H y z' (S z2' S)$ $x r B R B' r' B R' B'$	$x H y z' (S z2' S)$ $y x r' R' r B' r' R r B$	$x H$	$y' x S z' S z H z' S$ $y x R r' R r B R' B' r' R' r$
 X1	 X2	 W1	 W2
$y2 x S y' z' (S z2' S)$ $x R r' R r z B R' B' R r$	$y2 x S y z' (S z2' S)$ $y' x r B R' B' R r z' r' R r$	$x H x (S z2' S)$	$x H x' (S z2' S)$

Pi - BL [12]



 O1	 O2	 O3	 S1
$x H x z2 (S z2' S)$	$y2 x S y' z' (S z2' S)$ $x r R B' r z R r' R$	$x S z2 H$	$y x (H z' H) z S z' H$ $x R b R' z' R r' R' B' r$
 U1	 U2	 U3	 S2
$x H x' z2 (S z2' S)$ $y' x B' r' R' r B R' R r$	$y2 x S y z' (S z2' S)$ $y2 x B R B' r B R' B' r'$	$y2 x S$	$y' x H z H z' S z H$ $y' b R r' b R' r' R' r$
 X1	 X2	 W1	 W2
$y2 x S x' z2 (S z2' S)$ $y' x R' r R' r' z' r' R' r z R' r$	$y2 x S x z2 (S z2' S)$ $x B' S z2' r' R r' R'$	$y2 x S x' (S z2' S)$	$y2 x S x (S z2' S)$