



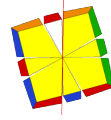
Lin PLL+1

Page 1



Adj-BL

$(3,2)/(1,0)/(0,-3)/(-1,0)/(-3,0)/(1,0)/(0,3)/(-1,0)/(0,-2)$



Adj-FL

$(-5,3)/(2,-1)/(-2,1)/(-1,-1)/(3,0)/(-2,1)/(5,-3)$



Adj-FR

$(-2,0)/(0,3)/(3,0)/(-1,-1)/(-2,1)/(0,-3)/(-4,0)$



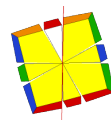
Adj-BR

$(-3,2)/(1,0)/(0,-3)/(-1,0)/(3,0)/(1,0)/(0,3)/(-1,0)/(0,-2)$



Opp-F

$/(3,0)/(1,3)/(0,-1)/(0,1)/(-1,0)/(0,-3)/(-3,0)/$



Opp-LR

$(0,-1)/(-3,0)/(4,1)/(-1,-1)/(-3,0)/(3,0)/(0,1)$



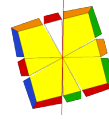
Lin PLL+1

Page 2



Cw-Swirl

$(-3,-1)/(0,1)/(-3,0)/(0,-1)/(-2,1)/(-1,0)/(-3,0)/(1,0)/(-1,0)$



Ccw-Swirl

$(4,0)/(-1,0)/(3,0)/(1,0)/(2,-1)/(0,1)/(3,0)/(0,-1)/(0,1)$



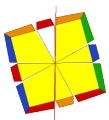
W-BL

$(6,-1)/(4,1)/(2,-1)/(4,1)/(3,0)/(2,-1)/(-3,1)$



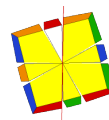
W-FL

$(3,-1)/(-3,0)/(4,1)/(3,0)/(-4,-1)/(-3,0)/(3,0)/(4,1)/(5,0)$



W-FR

$(4,0)/(-4,-1)/(-3,0)/(3,0)/(4,1)/(-3,0)/(-4,-1)/(3,0)/(0,1)$



W-BR

$(-5,0)/(-1,-4)/(-2,1)/(-1,-4)/(-3,0)/(1,-2)/(2,0)$



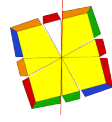
Lin PLL+1

Page 3



Blocks-F+

$(-2,0)/(2,-1)/(0,-3)/(3,0)/(-3,0)/(-2,4)/(-1,0)$



Blocks-F-

$(3,-1)/(1,-2)/(0,3)/(0,-3)/(3,0)/(-4,2)/(0,1)$



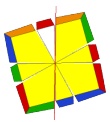
Blocks-R+

$(1,0)/(-4,-4)/(3,0)/(0,-3)/(0,3)/(1,4)/(-4,-1)/(0,3)/(3,1)$



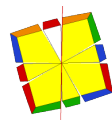
Blocks-L-

$(0,-1)/(4,4)/(-3,0)/(3,0)/(0,-3)/(-4,-1)/(4,1)/(-3,0)/(-4,0)$



Square-C

$(-5,-3)/(0,3)/(3,0)/(3,0)/(-4,-1)/(1,4)/(0,3)/(-4,-3)$



Square-D

$(4,3)/(0,-3)/(-1,-4)/(4,1)/(-3,0)/(-3,0)/(0,-3)/(5,3)$



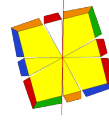
Lin PLL+1

Page 4



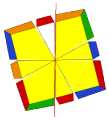
Opp Blocks

$(1,3)/(-4,2)/(1,-2)/(-1,-4)/(4,1)/(0,-3)/(-4,-1)/(3,1)$



Opp Blocks

$(6,2)/(-2,4)/(2,-1)/(1,4)/(-1,-4)/(0,3)/(1,4)/(-4,0)$



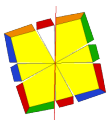
Opp-Opp Blocks

$(3,-1)/(3,0)/(1,4)/(2,-1)/(4,1)/(-3,0)/(-1,2)/(0,-3)/(-3,-5)$



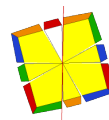
Opp-Opp Blocks

$(-2,0)/(0,-3)/(-1,-4)/(1,-2)/(-4,-1)/(0,3)/(1,-2)/(3,0)/(2,6)$



Fake T-perm

$(3,-1)/(-3,0)/(-2,1)/(-1,-1)/(0,3)/(0,-3)/(0,3)/(-3,0)/(3,-2)$



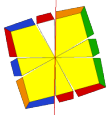
Opp-Fake T-perm

$(3,-1)/(1,-2)/(0,3)/(-1,-4)/(4,1)/(-4,-1)/(1,1)/(-1,2)/(0,1)$



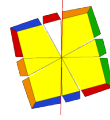
Lin PLL+1

Page 5



2c-swap

(4,0)/(-1,-1)/(3,0)/(-3,0)/(0,3)/(-3,0)/(3,0)/(4,-2)/(-4,0)
)



Line + Square

(0,-1)/(1,4)/(-1,-4)/(1,4)/(-4,-1)/(4,-2)/(-4,0)



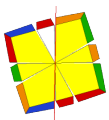
Line + Block

(0,-1)/(0,-3)/(1,4)/(-1,-4)/(4,1)/(-4,2)/(3,1)



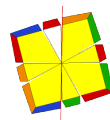
2c + H-perm

(-3,-1)/(1,1)/(3,0)/(-4,-1)/(-3,3)/(1,-2)/(-1,2)/(-3,0)/(6,-2)



Fake Rb-perm

(3,-4)/(0,3)/(3,0)/(4,1)/(-4,-1)/(1,4)/(-1,2)/(0,-2)



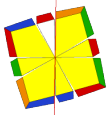
Fake Gb-perm (almost

(6,-4)/(3,0)/(1,-2)/(-1,2)/(3,-3)/(3,0)/(0,-5)



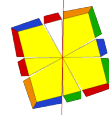
Lin PLL+1

Page 6



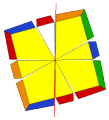
Fake Gc-perm

$(1,0)/(0,3)/(-4,-1)/(4,-2)/(-3,0)/(0,3)/(-1,-3)$



Fake Gd-perm

$(1,3)/(0,-3)/(3,0)/(-4,2)/(4,1)/(0,-3)/(-1,0)$



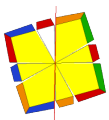
2 Blocks + opp line

$(6,-1)/(4,1)/(0,3)/(-4,-1)/(1,4)/(-1,2)/(4,-2)/(2,-3)$



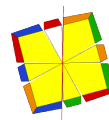
2 Blocks + adj line

$(-3,-1)/(4,-2)/(-3,0)/(0,3)/(0,-3)/(-1,2)/(0,1)$



1-opp (a)

$(1,0)/(0,-3)/(-1,2)/(-3,0)/(4,1)/(2,-1)/(1,4)/(3,0)/(-1,6)$



1-opp (b)

$(-2,3)/(-4,-1)/(1,-2)/(-1,-4)/(1,-2)/(3,3)/(-1,2)/(-2,1)/(5,-3)$



Lin PLL+1

Page 7



2c-swap

$(-2,0)/(2,-1)/(-3,3)/(3,0)/(0,-3)/(0,3)/(0,-3)/(1,1)/(2,0)$



Line + Block-R

$(-5,0)/(2,-4)/(4,1)/(-4,-1)/(1,4)/(-3,0)/(-4,0)$



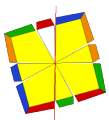
Line + Block-L

$(6,-1)/(4,-2)/(-4,-1)/(1,4)/(-1,-4)/(0,3)/(3,1)$



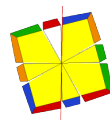
2c + H-perm

$(6,-1)/(1,-2)/(-1,-1)/(4,1)/(-4,-1)/(1,4)/(0,-3)/(-1,2)/(3,1)$



2 Blocks+

$(3,-1)/(0,-3)/(4,1)/(-1,-4)/(0,-3)/(0,3)/(-3,0)/(4,4)/(5,0)$



2 Blocks-

$(-2,0)/(3,0)/(-4,-1)/(4,1)/(0,3)/(-3,0)/(3,0)/(-4,-4)/(6,1)$



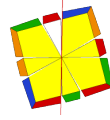
Lin PLL+1

Page 8



Fake Ga-perm

$(3,-1)/(0,-3)/(-3,3)/(-2,1)/(-1,2)/(0,-3)/(3,-2)$



Fake Gc-perm

$(-2,0)/(3,0)/(3,-3)/(-1,2)/(1,-2)/(3,0)/(-4,3)$



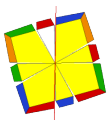
Opp line + block on

$(-2,3)/(-1,2)/(1,4)/(-4,-1)/(4,1)/(3,0)/(0,3)/(5,3)$



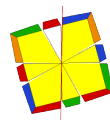
Opp line + block on

$(-3,2)/(1,-2)/(-1,-4)/(4,1)/(-4,-1)/(-3,0)/(0,-3)/(0,4)$



Opp-Opp Blocks +

$(4,0)/(-1,2)/(-2,1)/(0,-3)/(-1,2)/(-2,1)/(2,-1)/(3,0)/(0,-2)$



Opp-Opp Blocks -

$(0,2)/(-3,0)/(-2,1)/(2,-1)/(1,-2)/(0,3)/(2,-1)/(1,-2)/(-4,0)$



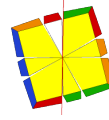
Lin PLL+1

Page 9



2c-swap

$(-3,-1)/(1,1)/(-3,0)/(0,3)/(0,-3)/(0,3)/(-3,0)/(2,-4)/(3,1)$
)



Line + Square

$(1,0)/(-4,-1)/(1,4)/(-4,-1)/(4,1)/(2,-4)/(3,1)$



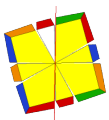
Line + Block

$(1,0)/(3,0)/(-1,-4)/(4,1)/(-4,-1)/(-2,4)/(-4,0)$



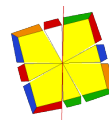
2c + H-perm

$(6,2)/(3,0)/(1,-2)/(-1,2)/(3,-3)/(4,1)/(-3,0)/(-1,-1)/(3,1)$
)



Fake Ra-perm

$(4,-3)/(0,-3)/(-3,0)/(-4,-1)/(4,1)/(-1,-4)/(1,-2)/(5,-3)$



Fake Ga-perm

$(0,-1)/(-3,0)/(4,1)/(2,-4)/(3,0)/(-3,0)/(0,4)$



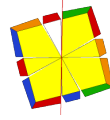
Lin PLL+1

Page 10



Fake Gb-perm

$(6,2)/(0,3)/(-3,0)/(4,-2)/(-4,-1)/(0,3)/(6,-5)$



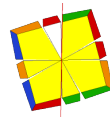
Fake Gd-perm (almost

$(1,-3)/(-3,0)/(-1,2)/(1,-2)/(-3,3)/(-3,0)/(5,0)$



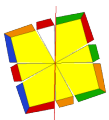
2 Blocks + opp line

$(-5,0)/(-1,-4)/(0,-3)/(1,4)/(-1,-4)/(-2,1)/(2,-4)/(3,-2)$



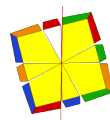
2 Blocks + adj line

$(4,0)/(2,-4)/(3,0)/(-3,0)/(0,3)/(-2,1)/(-1,0)$



1-opp (a)

$(0,-1)/(3,0)/(1,-2)/(0,3)/(-4,-1)/(1,-2)/(-1,-4)/(0,-3)/(0,-5)$



1-opp (b)

$(1,3)/(2,-1)/(1,-2)/(-3,-3)/(-1,2)/(1,4)/(-1,2)/(4,1)/(-4,-3)$



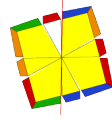
Lin PLL+1

Page 11



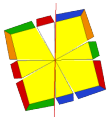
Diag-Swap (a)

(4,0)/(-3,-3)/(-3,0)/(-3,0)/(3,0)/(-1,2)/(4,1)/(-4,-1)/(-3,1)



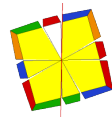
Diag-Swap (b)

(-3,-1)/(3,3)/(3,0)/(0,3)/(-3,0)/(-2,1)/(-4,-1)/(1,4)/(2,0)



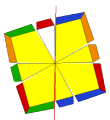
Blocks-F+

(3,-1)/(-3,-2)/(-3,0)/(3,3)/(0,-3)/(3,2)/(-3,1)



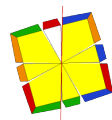
Blocks-F-

(-2,0)/(2,3)/(0,-3)/(3,3)/(-3,0)/(-2,-3)/(2,0)



Blocks-R+

(4,0)/(0,3)/(-4,-1)/(1,-2)/(3,3)/(-1,-4)/(4,1)/(-4,-1)/(3,1)



Blocks-L-

(-3,-1)/(-3,0)/(4,1)/(2,-1)/(-3,-3)/(4,1)/(-4,-1)/(1,4)/(-4,0)



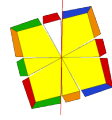
Lin PLL+1

Page 12



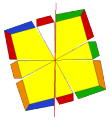
Block-R+

$(-5,3)/(2,-1)/(-2,1)/(-1,2)/(0,-3)/(0,3)/(-3,0)/(1,-2)/(-4,-3)$



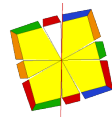
Block-R-

$(0,2)/(1,-2)/(-3,0)/(0,3)/(0,-3)/(-1,2)/(-2,1)/(2,-1)/(-3,-2)$



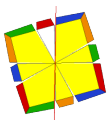
Block-L+

$(-5,3)/(-1,2)/(3,0)/(0,-3)/(0,3)/(1,-2)/(2,-1)/(-2,1)/(2,-3)$



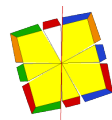
Block-L-

$(0,2)/(-2,1)/(2,-1)/(1,-2)/(0,3)/(0,-3)/(3,0)/(-1,2)/(-3,-2)$



No Blocks (a)

$(4,0)/(-4,0)/(0,3)/(-3,0)/(0,-2)/(0,2)/(3,0)/(0,-3)/(4,0)/(2,0)$



No Blocks (b)

$(1,0)/(-3,0)/(2,-4)/(-2,1)/(2,-1)/(3,0)/(1,-2)/(-1,2)/(0,-5)$

