



## Shawn Boucke's Algorithm Sheet

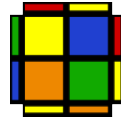
### CLL

Page 1



**CLL AS 6**  
AS

y2 L' U' L U L F' L' F L' U' L U' L' U2 L



**CLL AS 5**  
AS

y2 R U2 R' U2 R' F R F'



**CLL AS 4**  
AS

y2 L' U R U' L U R'



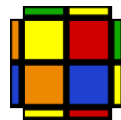
**CLL AS 3**  
AS

y2 F' L F L' U2 L' U2 L



**CLL AS 2**  
AS

L' U' L U' L F' L' F L' U2 L



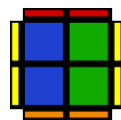
**CLL AS 1**  
AS

y R U2 R' U' R U' R'  
U2 L' U' L U' L' U2 L



**CLL H 4**  
H

y R2 U2 R' U2 R2  
R U R' U R U' R' U R U2 R'



**CLL H 3**  
H

y F R U R' U' R U R' U' R U R' U' F'



## Shawn Boucke's Algorithm Sheet

### CLL

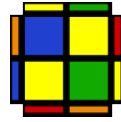
Page 2



**CLL H 1**

H

F R2 U' R2 U' R2 U R2 F'  
F R U' R' U R U2 R' U' R U R' U' F'



**CLL L 6**

L

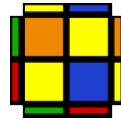
y F R U' R' U' R U R' F'



**CLL L 5**

L

y F R' F' R U R U' R'



**CLL L 4**

L

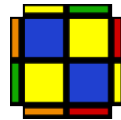
y R U2 R2 F R F' R U2 R'



**CLL L 3**

L

y' R U' R' U2 R2 U R' U R' U2 R2



**CLL L 1**

L

y R U2 R' F' R U2 R' U R' F2 R



**CLL Pi 6**

Pi

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



**CLL Pi 5**

Pi

y' R' U' R' F R F' R U' R' U2 R



## Shawn Boucke's Algorithm Sheet

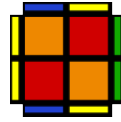
### CLL

Page 3



**CLL Pi 4**  
Pi

R U' L' U R' U L U L' U L



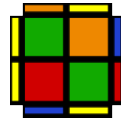
**CLL Pi 3**  
Pi

y F R<sup>2</sup> U' R<sup>2</sup> U R<sup>2</sup> U R<sup>2</sup> F'



**CLL Pi 2**  
Pi

R U<sup>2</sup> R' U' R U R' U<sup>2</sup> R' F R F'



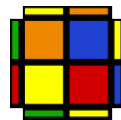
**CLL Pi 1**  
Pi

y<sup>2</sup> L' U<sup>2</sup> L U L' U' L U<sup>2</sup> L F' L' F



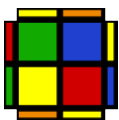
**CLL Sune 6**  
Sune

R U R' U R U<sup>2</sup> R'



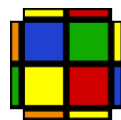
**CLL Sune 5**  
Sune

y<sup>2</sup> R U R' U R' F R F' R U<sup>2</sup> R'



**CLL Sune 4**  
Sune

F R' F' R U<sup>2</sup> R U<sup>2</sup> R'



**CLL Sune 3**  
Sune

R U' R' F L' U' L



## Shawn Boucke's Algorithm Sheet

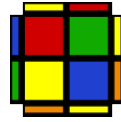
### CLL

Page 4



**CLL Sune 2**  
Sune

R U R' U' R' F R F' R U R' U R U2 R'



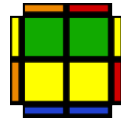
**CLL Sune 1**  
Sune

L' U2 L U2 L F' L' F



**CLL T 5**  
T

y2 F R U R' U' R U' R' U' R U R' F'



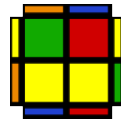
**CLL T 4**  
T

R' U R U2 R2 F' R U' R' F2 R2



**CLL T 3**  
T

R' U R2 D R' U2 R D' R2 U' R



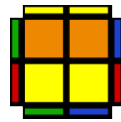
**CLL T 2**  
T

y L' U' L U L F' L' F



**CLL T 1**  
T

y' R U R' U' R' F R F'



**CLL U 1**  
U

y' F R U R' U' F'



## Shawn Boucke's Algorithm Sheet

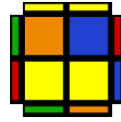
### CLL

Page 5



**CLL U 4**  
U

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



**CLL U 5**  
U

R2 D' R U2 R' D R U2 R



**CLL U 6**  
U

y2 R2 D R' U2 R D' R' U2 R'