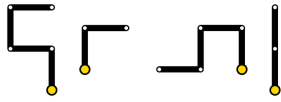

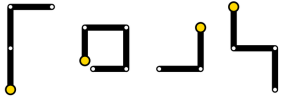



PLL Algorithms in Metro Notation

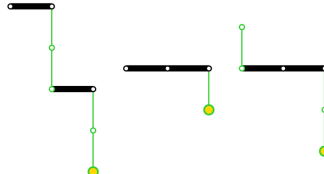

[Ua Perm]



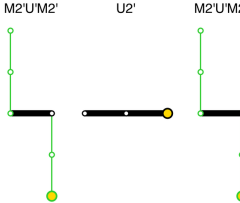

[Ub Perm]



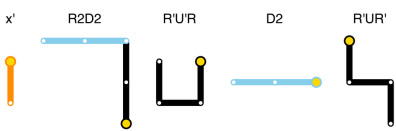

[Z Perm]



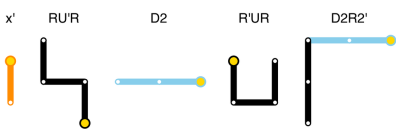

[H Perm]





[Aa Perm]





[Ab Perm]



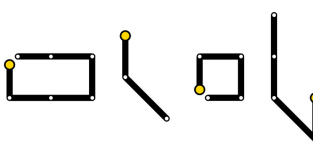

[E Perm]





[Ra Perm]



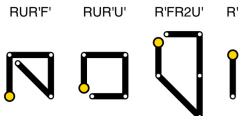

[Rb Perm]



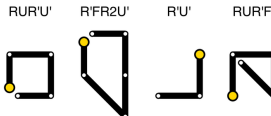

[Ja Perm]



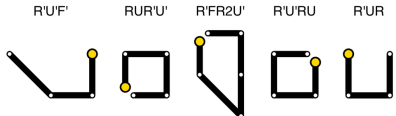
[Jb Perm]



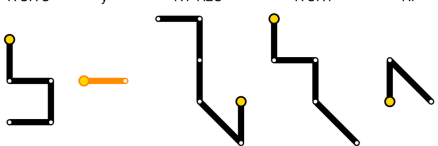

[T Perm]



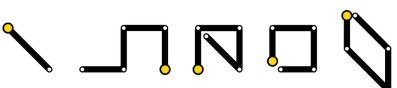

[F Perm]



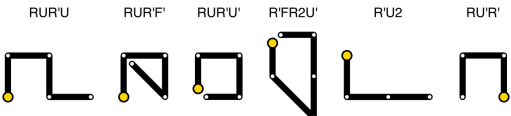

[V Perm]



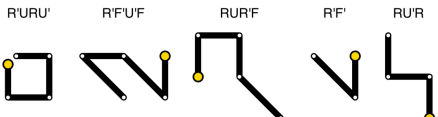

[Y Perm]



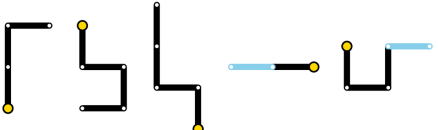

[Na Perm]



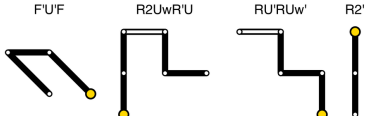

[Nb Perm]



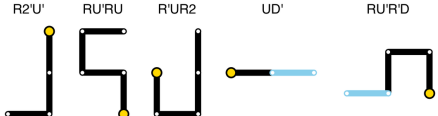

[Ga Perm]



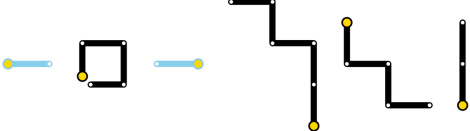

[Gb Perm]



[Gc Perm]



[Gd Perm]

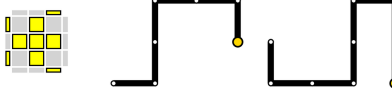


# OLL Algorithms in Metro Notation (1/2)

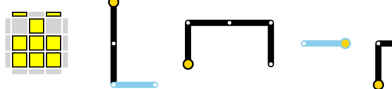
[OCLL1 - 21] RU2R' U'RUR' U'RU'R'



[OCLL2 - 22] RU2R2'U' R2U'R2'U2'R



[OCLL3 - 23] R2D' RU2R' D RU2R



[OCLL4 - 24] x' RUR'D RUR'D'



[OCLL5 - 25] x' RU'R'D RUR'D'



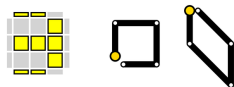
[OCLL6 - 26] RU2' RU'RU'R'



[OCLL7 - 27] RUR'U RU2'R'



[T1 - 33] RUR'U' R'FRF'



[T2 - 45] F RUR'U' F'



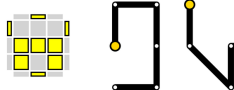
[S1 - 5] RwU2' RUR'URw



[S2 - 6] RwU2' R'U'RU'Rw'



[C1 - 34] RUR2'U' R'FRU RU'F'



[C2 - 46] RU' R'FRF' UR



[W1 - 36] RUR'F' RUR'U' R'FRU' R'FRF'



[W2 - 38] RUR'U RU'R'U' R'FRF'



[E1 - 28] RwUR'U' M URUR'R'



[E2 - 57] RUR'U' M' URUR'w'



[P1 - 31] R'U'F URUR'R' FR



[P2 - 32] RUB' U'R'U LwULw'



[P3 - 43] R'U'FU FR



[P4 - 44] Fw RUR'U' Fw'



[I1 - 51] F URUR'R' URUR'R' F'



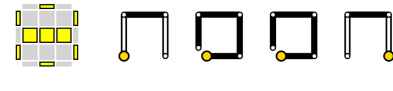
[I2 - 52] R'FU'FU' RUR'UR



[I3 - 55] R'FRU RU'R2F' R2U'R' URUR'



[I4 - 56] RwURw' URUR'R' URUR'R' RwU'Rw'



[F1 - 9] RUR'U' RF R2UR'U' F'



[F2 - 10] RUR'U R'FRF' RU2R'



[F3 - 35] RU2' R2'FRF' RU2R'



[F4 - 37] F URUR'U' URUR'F'



## OLL Algorithms in Metro Notation (2/2)

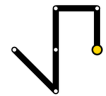
[K1 - 13]



FU



RUR2F'



RU



RUR'



[K2 - 14]



R'FR



UR'FR



FU'F'



[K3 - 15]



RwURw



R'URU



RwURw



[K4 - 16]



RwURw'



RURU'



RwURw'



[A1 - 29]



RURU'



RUR'



F'UF



RUR'



[A2 - 30]



FU



RU2RU'



RU2RU'



F'



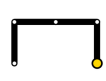
[A3 - 41]



RURU'



RU2R'



F



RURU'



F'



[A4 - 42]



R'URU'



R'U2R



F



RURU'



F'



[L1 - 47]



F'



L'ULU



L'ULU



F



[L2 - 48]



F



RURU'



RURU'



F'



[L3 - 49]



RwURw2'URw2URw2U' Rw



[L4 - 50]



RwURw2U'Rw2U'Rw2U Rw'



[B1 - 7]



RwURU



RU2Rw'



[B2 - 8]



RwU'RU'



R'U2Rw



[B3 - 11]



Rw'



R2URU



RU2R'



UM'



[B4 - 12]



M'



R'URU'



R'U2R



UM



[B5 - 39]



LF'



L'ULU



FUL'



[B6 - 40]



R'F



RURU'



F'UR



[O1 - 1]



RU2'



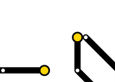
R2'FRF'



U2'



R'FRF'



[O2 - 2]



F



RURU'



S



RURU'



Fw'



[O3 - 3]



Fw



RURU'



FwU'F'



RURU'



F'



[O4 - 4]



Fw



RURU'



FwUF



RURU'



F'



[O5 - 17]



RURU



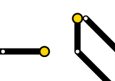
R'FRF'



U2'



R'FRF'



[O6 - 18]



RU2'



R2'FRF'



U2'M'



URURw'



[O7 - 19]



MU



RURU'



M'



R'FRF'



[O8 - 20]



MU



RURU'



M2'



URURw'

