Yo Notation:
Encoding notation system for the 3x3

Singmaster notation is good to generate scrambles and stuff, but not good enough for memorization.

Video link: Yo Notation
I have also added ways to memorize wide moves and rotations, which was not covered in the video.

For wide moves,
u - QA
u' - BP
u2 - RC
f - SV
f' - WT
f2 - XU
l' - NH
l - MG
l2 - OI
r - NJ
r' - MK
r2 - OL

x - LI
x' - MITU
y - GI
y' - KJ

z - QP
z' -DP
(I have chosen these letter pairs as these were rarer in the algorithm string, and had strong imagery in my letter pair scheme)

For normal face turning moves,
U - A
U' - B
U2 - C
D - D
D' - E
D2 - F
L - G
L' - H
L2 - I
M - M
M' - N
M2 - O
R - J
R' - K
R2 - L
S - S
S' - T
S2 - U
E - P
E' - Q
E2 - R
F - V
F' - W
F2 - X
B - Y
B' - Z

There are also an insane amount of cancellations I have come up with, but it will be pretty advanced if you are trying this for the first time
This system takes time to get accustomed to.

For fun sake, I have decided to name this system as Yo notation.

2. Memorizing commutators

Translating the entire move sequence doesn't work well in the case of a commutator.
[Commutator Doc reference](#)

For example,
AB - [R' D' U' : [R' D R, U']]
Extended Yo notation translation- **kebk djbk ejcdj**
Shortcut - **(keb,kdja) :** from the first element inside the bracket we get to know the setup moves, and the second element becomes the insertion and interchange move. With a little bit of training, we can find out 'kdj' is an insertion and 'a' is the interchange move, and the whole sequence reads [R' D R, U'].

3. Memorizing 5-style edge algs

Remembering algorithms via triggers will work in the 5-cycle case (oiag) : [U : [M,F]]
but not in the case (dula): **F2 M' F' E2 F' L' F E2 F' I**, which have some 3 move insertion in its sequence but no triggers or straightforward [A,B] commutator form inside it.
So, it is best to memorize 'dula' as '**xnwr whvr wmg**', from which we can form 3 images and memorize the sequence without having a mental note to take care of.

Happy memorizing:
(P.S. I have not used this system to memorize ZBLL, as I use the Roux method to solve a 3x3.)

If you have any further doubts or need help or clarification, drop a mail to
5stylerepertoire@gmail.com

I am always open to debates yo.
SS threads dedicated to this topic:
https://www.speedsolving.com/forum/threads/converting-algorithms-to-letters.72367/#post-1311557
https://www.speedsolving.com/forum/threads/swiss-cube-notation.10705/page-2
https://www.speedsolving.com/forum/threads/alternative-notation.8092/page-3