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description: History of the NMLL last layer method for Rubik's Cube.

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import TwistyPlayer from "@site/src/components/TwistyPlayer";

import Exhibit from "@site/src/components/Exhibit";

import YouTube from "@site/src/components/YouTube";

import ImageCollage from '@site/src/components/ImageCollage';

# NMLL

<TwistyPlayer

alg="x2 F U R U' R' U R U' R' U R U' R' F'"

controlPanel="none"

/>

## Description

NMLL is a method for solving the last layer.

\*\*Proposer:\*\* [Michael James Straughan](CubingContributors/MethodDevelopers.md#straughan-michael-james-athefre)

\*\*Proposed:\*\* 2010

\*\*Steps:\*\*

1. Orient the corners relative to the left and right side layers while moving the UL and UR edges to the left and right side.

2. Solve everything.

[Click here for more step details on the SpeedSolving wiki](https://www.speedsolving.com/wiki/index.php/NMLL)

## Proposal and Development

NMLL was proposed and developed by James Straughan in December, 2010 [1, 2].

![](img/NMLL/Proposal.png)

![](img/L5EP/Straughan1.png)

## New Website

NMLL was moved to a Google site in June, 2011 [3, 4, 5].

![](img/NMLL/NewSite1.png)

![](img/NMLL/NewSite2.png)

![](img/NMLL/NewSite3.png)

# References

|  |  |
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| [1] | M. J. Straughan, "Random Cubing Discussion," SpeedSolving.com, 31 December 2010. [Online]. Available: https://www.speedsolving.com/threads/random-cubing-discussion.22862/post-509957. |
| [2] | M. J. Straughan, Straughan's Original Website, 2010. [Online]. Available: https://web.archive.org/web/20110224050936/http://athefre.110mb.com/. |
| [3] | M. J. Straughan, "ZZ and ZB Discussion," SpeedSolving.com, 28 June 2011. [Online]. Available: https://www.speedsolving.com/threads/zz-and-zb-discussion.20834/post-598864. |
| [4] | M. J. Straughan, "NMLL," Straughan's Website, June 2011. [Online]. Available: https://sites.google.com/site/athefre/steps-concepts/nmll. |
| [5] | M. J. Straughan, "NMLL Recognition," Google Docs, 14 September 2011. [Online]. Available: https://docs.google.com/spreadsheets/d/1Z-rJzroZ7QrGcqd2RvZ5P3OW7DyX7H-GpT-dK-xWZgA/edit?hl=en\_US&hl=en\_US#gid=0. |