

Vectorizing

Matrices are matlab's forte, using them wisely and learning to vectorize to speed up your code is essential when handling for example big data or large images.

Choose two articles and apply the represented techniques on an image. A bonus if you find an extra article which proves to be interesting.

<https://nl.mathworks.com/company/newsletters/articles/new-functions-for-vectorizing-operations-on-any-data-type.html>

<https://nl.mathworks.com/company/newsletters/articles/matrix-indexing-in-matlab.html>

<https://blogs.mathworks.com/loren/2019/09/25/which-way-to-compute-cellfun-or-for-loop/>

<https://blogs.mathworks.com/loren/2019/07/09/internet-of-things-how-to-get-started/>

<https://blogs.mathworks.com/loren/2019/05/29/big-data-in-mat-files/>

<https://nl.mathworks.com/company/newsletters/articles/an-adventure-ofsortsbehind-the-scenes-of-a-matlab-upgrade.html>

<https://nl.mathworks.com/company/newsletters/articles/two-new-functions-for-converting-datatatypes-and-changing-byte-order.html>

<https://nl.mathworks.com/company/newsletters/articles/how-matlab-represents-pixel-colors.html>