# MSVS

System environment variables

<https://msdn.microsoft.com/en-us/library/42x5kfw4.aspx>

Detecting memory leaks

<https://msdn.microsoft.com/en-us/library/x98tx3cf(v=VS.100).aspx>

<https://msdn.microsoft.com/en-us/library/ff420662.aspx>

<http://answers.flyppdevportal.com/MVC/Post/Thread/0c31b5b9-2dc2-446d-8150-623cb820fb47?category=vclanguage>

<https://msdn.microsoft.com/en-us/library/ff420662.aspx> (debugdiag)

<https://stackoverflow.com/questions/42858560/ram-usage-measured-with-getprocessmemoryinfo-is-lower-than-measure-through-task> (GetProcessMemoryInfo)

https://msdn.microsoft.com/en-us/library/x98tx3cf(v=VS.100).aspx#Enabling Memory Leak Detection

VS2105

Changing path for the libraries

<https://stackoverflow.com/questions/31736361/visual-studio-2015-gives-me-errors-upon-creating-a-simple-test-console-program>

## CrtDebug

Memory Block Type Interpretation

<https://msdn.microsoft.com/en-us/library/htdyz80k(v=vs.80).aspx>

How to Set Breakpoints on a Memory Allocation Number

<https://msdn.microsoft.com/en-us/library/w2fhc9a3(v=vs.80).aspx>

\_CrtIsMemoryBlock

<https://msdn.microsoft.com/en-us/library/e4be248s(v=vs.110).aspx>

# Eclipse

<https://eclipse.org/oxygen/>

Eclipse Parallel Tools Platform (PTP)

<http://projects.eclipse.org/projects/tools.ptp>

Eclipse Remote Application Platform

<http://projects.eclipse.org/projects/rt.rap>

Eclipse Color themes

<http://marketplace.eclipse.org/content/eclipse-color-theme>

# Yahoo weather

<https://www.yahoo.com/news/weather/>

# FlatBuffers

<https://google.github.io/flatbuffers/>

# Math

<https://en.wikipedia.org/wiki/Identity_matrix>

<https://en.wikipedia.org/wiki/Unit_vector>

<https://en.wikipedia.org/wiki/Orthogonal_matrix>

<https://en.wikipedia.org/wiki/Arg_max#Arg_min>

<http://planetmath.org/argminandargmax>

<https://en.wikipedia.org/wiki/Level_set>

# LSTM

<http://www.wildml.com/2015/10/recurrent-neural-network-tutorial-part-4-implementing-a-grulstm-rnn-with-python-and-theano/>

<http://people.idsia.ch/~juergen/rnn.html>

<http://www.wildml.com/2015/10/recurrent-neural-network-tutorial-part-4-implementing-a-grulstm-rnn-with-python-and-theano/>

<http://www.wildml.com/2015/09/recurrent-neural-networks-tutorial-part-1-introduction-to-rnns/>

<http://www.jakob-aungiers.com/articles/a/LSTM-Neural-Network-for-Time-Series-Prediction>

<https://github.com/fchollet/keras/issues/6063>

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<https://keras.io/getting-started/faq/>

<https://keras.io/layers/recurrent/>

<http://philipperemy.github.io/keras-stateful-lstm/>

<http://mourafiq.com/2016/05/15/predicting-sequences-using-rnn-in-tensorflow.html>

<http://mlpack.org/docs/mlpack-git/doxygen/classmlpack_1_1ann_1_1RNN.html>

<https://en.wikipedia.org/wiki/Backpropagation_through_time>

<https://en.wikipedia.org/wiki/Backpropagation>

<http://www.wildml.com/2015/10/recurrent-neural-networks-tutorial-part-3-backpropagation-through-time-and-vanishing-gradients/>

<https://en.wikipedia.org/wiki/Truncated_Newton_method>

<https://en.wikipedia.org/wiki/Limited-memory_BFGS>

<https://www.microsoft.com/en-us/download/details.aspx?id=52452&from=http%3A%2F%2Fresearch.microsoft.com%2Fen-us%2Fdownloads%2Fb1eb1016-1738-4bd5-83a9-370c9d498a03%2F>

<https://en.wikipedia.org/wiki/Chain_rule>

<https://en.wikipedia.org/wiki/Delta_rule>

Лекция 10 Прогнозирование временных рядов

<https://www.youtube.com/watch?v=u433nrxdf5k>

<https://github.com/vkantor/MIPT_Data_Mining_In_Action_2016>

<https://www.youtube.com/watch?v=RdTxLXmbvjY> 008. Прогнозирование временных рядов - К.В. Воронцов

Нейронные сети - Временные ряды

<https://www.youtube.com/watch?v=bhBm9MD-98A>

Моделирование трендов и временных рядов

<https://www.youtube.com/watch?v=cfS5gTX_MwU>

11. Анализ данных. Анализ временных рядов | Технострим

<https://www.youtube.com/watch?v=1JiM4ssdit4>

Лекция 10 "Рекуррентные сети для анализа временных рядов: Часть 1"

<https://www.youtube.com/watch?v=EQ-JE38e8XE>

Нейронные сети для алгоритмического трейдинга

<https://www.youtube.com/watch?v=c-nUAdcpiGY>

To learn

C++

Williamson Concurent

Hochreeter 1997

