

# Related HTM Content

## Chapter Revision History

The table notes major changes between revisions. Minor changes such as small clarifications or formatting changes are not noted.

Version	Date	Changes	Principal Author(s)
0.4		Initial release	C. Baranski
0.5	March 2017	Take out references to learning algorithms (separate web pages published)	C. Baranski
0.51	November 2019	Updated terminology	C. Maver

## Related HTM Content

Following is a list of additional HTM topics that are not covered in the existing chapters. Where possible, we have included links to current papers or other documentation that offer information on the specific topics.

### HTM Neuron

The HTM Neuron includes topics such as synapses, active dendrites, immunity to noise, etc. For more information on the HTM Neuron, you can read the paper “Why Neurons Have Thousands of Synapses, a Theory of Sequence Memory in Neocortex” by J. Hawkins & S. Ahmad (2016). Published in *Frontiers in Neural Circuits*, March 2016, Volume 10, <https://numenta.com/neuroscience-research/research-publications/papers/why-neurons-have-thousands-of-synapses-theory-of-sequence-memory-in-neocortex/>

### HTM Cellular Layer

The HTM Cellular Layer includes topics such as mini-columns, sequence memory and temporal pooling. For some information on HTM sequence memory, you can read the paper “Continuous Online Sequence Learning with an Unsupervised Neural Network Model” by Y. Cui, S. Ahmad, J. Hawkins & C. Surpur. <https://numenta.com/neuroscience-research/research-publications/papers/continuous-online-sequence-learning-with-an-unsupervised-neural-network-model/>

### HTM Applications

For more information on HTM applications, including our legacy example applications, visit <https://numenta.com/machine-intelligence-technology/applications/>.