@article{DBLP:journals/corr/ChetlurWVCTCS14,

author	=	{Sharan Chetlur and Cliff Woolley and Philippe Vandermersch and
		Jonathan Cohen and
		John Tran and
		Bryan Catanzaro and
		Evan Shelhamer},
title	=	<pre>{cuDNN: Efficient Primitives for Deep Learning},</pre>
journal	=	{CoRR},
volume	=	{abs/1410.0759},
year	=	{2014},
url	=	{http://arxiv.org/abs/1410.0759},
timestamp	=	{Sun, 02 Nov 2014 11:25:59 +0100},
biburl	=	
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bibsource	=	<pre>{dblp computer science bibliography, http://dblp.org}</pre>

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@article{Bao:2016:SDF:3012405.3011017, author = {Bao, Wenlei and Hong, Changwan and Chunduri, Sudheer and Krishnamoorthy, Sriram and Pouchet, Louis-No\" {e}I and Rastello, Fabrice and Sadayappan, P.}, title = {Static and Dynamic Frequency Scaling on Multicore CPUs}, journal = {ACM Trans. Archit. Code Optim.}, issue\_date = {December 2016}, volume = {13}, number = {4}, month = dec, year = {2016}, issn = {1544-3566}, pages = {51:1-51:26}, articleno = {51}, numpages = {26}, url = {http://doi.acm.org/10.1145/3011017}, doi = {10.1145/3011017}, acmid = {3011017}, publisher = {ACM}, address = {New York, NY, USA}, keywords = {Affine Programs, CPU Energy, Static Analysis, Voltage and Frequency Scaling}, }

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title={Synthesizing benchmarks for predictive modeling},

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We describe the design of a convolutional neural network accelerator running on a Stratix V FPGA. The design runs at three times the throughput of previous FPGA CNN accelerator designs. We show that the throughput/watt is significantly higher than for a GPU, and project the performance when ported to an Arria 10 FPGA.

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{https://www.microsoft.com/en-us/research/publication/accelerating-deep-convolutional-neural-netwo
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location = {Monterey, CA, USA}, pages = \{5-14\}, numpages = \{10\}, url =
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{1950419}, publisher = {ACM}, address = {New York, NY, USA}, keywords = {area, cmos, delay,
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	Alex Graves},
title	= {Memory-Efficient Backpropagation Through Time},
journal	$= \{CORR\},$
volume	= {abs/1606.03401},
year	= {2016},
url	= {http://arxiv.org/abs/1606.03401},
timestamp	= {Fri, 01 Jul 2016 17:39:49 +0200},
biburl	<pre>= {http://dblp.uni-trier.de/rec/bib/journals/corr/GruslysMDLG16},</pre>
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