



# Data Science Academy

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## Programação Paralela em GPU

## Bibliografia, Referências e Links úteis



## Bibliografia, Referências e Links úteis:

Multicore and GPU Programming: An Integrated Approach

[https://www.amazon.com.br/Multicore-GPU-Programming-Integrated-Approach-ebook/dp/B00QWZ2690/ref=sr\\_1\\_1?ie=UTF8&qid=1496876593&sr=8-1&keywords=Multicore+and+GPU+Programming%3A+An+Integrated+Approach](https://www.amazon.com.br/Multicore-GPU-Programming-Integrated-Approach-ebook/dp/B00QWZ2690/ref=sr_1_1?ie=UTF8&qid=1496876593&sr=8-1&keywords=Multicore+and+GPU+Programming%3A+An+Integrated+Approach)

Computer Architecture: A Quantitative Approach Fourth Edition

[https://users.dimi.uniud.it/~antonio.dangelo/OpSys/materials/Computer\\_Architecture.pdf](https://users.dimi.uniud.it/~antonio.dangelo/OpSys/materials/Computer_Architecture.pdf)

Parallel Computing Center

<http://parallelcompute.sourceforge.net/parcom.php>

What is GPU Accelerated Computing

<http://www.nvidia.com/object/what-is-gpu-computing.html>

GeForce 256

<http://www.nvidia.com/page/geforce256.html>

Nvidia's Next Generation CUDA Computer Architecture – Fermi

[http://www.nvidia.com/content/PDF/fermi\\_white\\_papers/NVIDIA\\_Fermi\\_Compute\\_Architecture\\_Whitepaper.pdf](http://www.nvidia.com/content/PDF/fermi_white_papers/NVIDIA_Fermi_Compute_Architecture_Whitepaper.pdf)

Nvidia's Next Generation CUDA Compute Architecture: Kepler GK110

<http://www.nvidia.com/content/PDF/kepler/NVIDIA-Kepler-GK110-Architecture-Whitepaper.pdf>

Nvidia G80: Architecture e GPU Analysis

<https://www.beyond3d.com/content/reviews/1>

Nvidia GeForce 256 - World's first GPU and GeForce graphics card

<https://www.youtube.com/watch?v=wuV3H0pzc4g>

Compute Capability

<https://developer.nvidia.com/cuda-gpus>

The History of Nvidia GPUs

<http://www.tomshardware.com/picturestory/715-history-of-nvidia-gpus.html>

Compute Compatibility

<https://developer.nvidia.com/cuda-gpus>

GPUs Nvidia

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



CUDA Compute Capabilities

<https://docs.nvidia.com/cuda/cuda-c-programming-guide/#features-and-technical-specifications>

Tesla Servers

<http://www.nvidia.com/object/tesla-servers.html>

Dining philosopher's problem

<http://adit.io/posts/2013-05-11-The-Dining-Philosophers-Problem-With-Ron-Swanson.html>