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Lecture 51: OpenCL - Heterogeneous Computing (Contd.) *Lecture 52: OpenCL - Heterogeneous Computing (Contd.) Building Accelerated Applications with Vitis HC21-T2: OpenCL Tutorial Interview with David Kaeli, co-author of "Heterogeneous Computing with OpenCL"* Programming Models for Heterogeneous Computing

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OpenCL™ is the open standard to programming across multiple computing devices, such as CPU, GPU, and FPGA, and is an ideal programming language for heterogeneous computing implementation.

Heterogeneous Computing Implementation via OpenCL™

Heterogeneous Computing with OpenCL By Benedict R. Gaster, Lee Howes, David R. Kaeli, Perhaad Mistry & Dana Schaa 400 pages Trim Size 7 1/2 X 9 1/4 in. Copyright 2011-2012 . Now available in Chinese. Second edition available for pre-order. Covers OpenCL 1.2 features as well as further details on profiling and debugging..Key Features

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OpenCL (Open Computing Language) is a framework for writing programs that execute across heterogeneous platforms consisting of central processing units (CPUs), graphics processing units (GPUs), digital signal processors (DSPs), field-programmable gate arrays (FPGAs) and other processors or hardware accelerators.

OpenCL - Wikipedia

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