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An Introduction to Parallel Programming. Peter Pacheco. Elsevier, Feb 17, 2011 - Computers - 392 pages. 0 Reviews. An Introduction to Parallel Programming is the first undergraduate text to...

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An Introduction to Parallel Programming is a well-written, comprehensive book on the field of parallel computing. Students and practitioners alike will appreciate the relevant, up-to-date information. Peter Pacheco's very accessible writing style, combined with numerous interesting examples, keeps the reader's attention. In a field that races

## **In Praise of**

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## **Parallel Programming (CS 4230) - Fall 2012**

Research Interests. My main research interest is in parallel computing. I've been involved in the development of the MPI Standard for message-passing, and I've written a short User's Guide to MPI. My book Parallel Programming with MPI is an elementary introduction to programming parallel systems that use the MPI 1 library of extensions to C and Fortran.

## **Peter Pacheco - USF Computer Science**

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An Introduction to Parallel Programming. Peter S. Pacheco, University of San Francisco. With the coming of multicore processors and the cloud, parallel computing is most certainly not a niche area off in a corner of the computing world.

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## **An Introduction to Parallel Programming | ScienceDirect**

Parallel Programming with MPI by Peter S. Pacheco John L.

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Weatherwax\* November 4, 2006 Additional Notes and Derivations Physical Constraints on Serial Computers (Page 4)  
The speed of light is  $c = 3108 \text{ m/s}$  and the code given must execute 3(one foreach component of x, y, and z) trillion memory transfers each second. Thus the transfer flux out of memory

## **Solutions For Selected Exercises In: Parallel Programming**

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"An Introduction to Parallel Programming" by Peter Pacheco (Morgan Kaufman, 2011, ISBN:978-0123742605).

## **Introduction to High Performance Computing**

"An Introduction to Parallel Programming illustrates fundamental programming principles in the increasingly important area of shared memory programming using Pthreads and OpenMP and distributed memory programming using MPI.

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