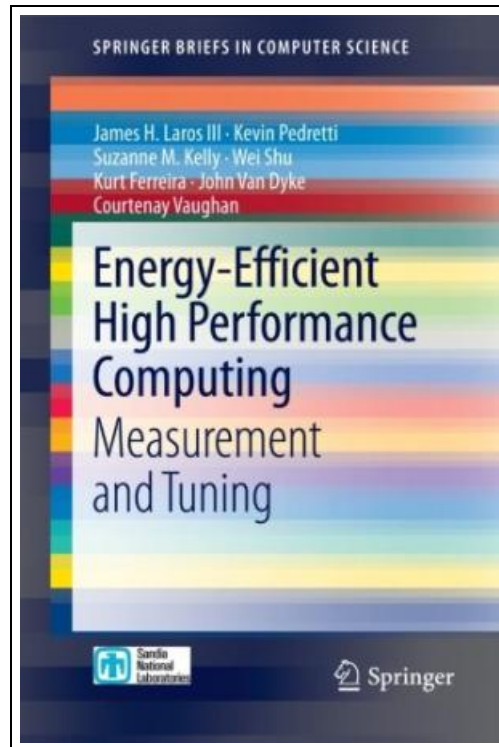


Energy-Efficient High Performance Computing: Measurement and Tuning (Paperback)



Filesize: 5.26 MB

Reviews

A top quality book along with the typeface employed was interesting to learn. It is one of the most amazing book we have study. I discovered this pdf from my i and dad recommended this book to learn.
(Mr. Sterling Hane)

ENERGY-EFFICIENT HIGH PERFORMANCE COMPUTING: MEASUREMENT AND TUNING (PAPERBACK)**DOWNLOAD**

Springer London Ltd, United Kingdom, 2012. Paperback. Condition: New. 2013 ed.. Language: English . Brand New Book. In this work, the unique power measurement capabilities of the Cray XT architecture were exploited to gain an understanding of power and energy use, and the effects of tuning both CPU and network bandwidth. Modifications were made to deterministically halt cores when idle. Additionally, capabilities were added to alter operating P-state. At the application level, an understanding of the power requirements of a range of important DOE/NNSA production scientific computing applications running at large scale is gained by simultaneously collecting current and voltage measurements on the hosting nodes. The effects of both CPU and network bandwidth tuning are examined, and energy savings opportunities without impact on run-time performance are demonstrated. This research suggests that next-generation large-scale platforms should not only approach CPU frequency scaling differently, but could also benefit from the capability to tune other platform components to achieve more energy-efficient performance.

[Read Energy-Efficient High Performance Computing: Measurement and Tuning \(Paperback\) Online](#)[Download PDF Energy-Efficient High Performance Computing: Measurement and Tuning \(Paperback\)](#)

You May Also Like



From Kristallnacht to Israel: A Holocaust Survivor s Journey

Dog Ear Publishing, United States, 2009. Paperback. Book Condition: New. 226 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.In the 1930s, as evil begins to envelope Europe, Karl Rothstein...

[Read](#) [Document](#)

»



Read Write Inc. Phonics: Orange Set 4 Storybook 2 I Think I Want to be a Bee

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 209 x 149 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read...

[Read](#) [Document](#)

»



Read Write Inc. Phonics: Grey Set 7 Storybook 1 Rex to the Rescue

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 149 x 148 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read...

[Read](#) [Document](#)

»



Read Write Inc. Phonics: Yellow Set 5 Storybook 7 Do We Have to Keep it?

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 211 x 101 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read...

[Read](#) [Document](#)

»



Twitter Marketing Workbook: How to Market Your Business on Twitter

Createspace Independent Publishing Platform, United States, 2016. Paperback. Book Condition: New. Workbook. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.Twitter Marketing Workbook 2016 Learn how to market your...

[Read](#) [Document](#)

»

**Read Write Inc. Phonics: Purple Set 2 Storybook 4 Tim and Tom**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 210 x 159 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read

[Read Book](#)

»

**Read Write Inc. Phonics: Pink Set 3 Storybook 6 Sanjay Stays in Bed**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 210 x 148 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read

[Read Book](#)

»

**Read Write Inc. Phonics: Pink Set 3 Storybook 3 in the Sun**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 207 x 138 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read

[Read Book](#)

»

**Read Write Inc. Phonics: Grey Set 7 Storybook 6 Wailing Winny s Car Boot Sale**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 148 x 120 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read

[Read Book](#)

»

**Read Write Inc. Phonics: Blue Set 6 Storybook 4 King of the Birds**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 208 x 148 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read

[Read Book](#)

»