



Energy-Efficient Distributed Computing Systems

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DESCRIPTION

The energy consumption issue in distributed computing systems raises various monetary, environmental and system performance concerns. Electricity consumption in the US doubled from 2000 to 2005. From a financial and environmental standpoint, reducing the consumption of electricity is important, yet these reforms must not lead to performance degradation of the computing systems. These contradicting constraints create a suite of complex problems that need to be resolved in order to lead to 'greener' distributed computing systems. This book brings together a group of outstanding researchers that investigate the different facets of green and energy efficient distributed computing.

Key features:

- One of the first books of its kind
- Features latest research findings on emerging topics by well-known scientists
- Valuable research for grad students, postdocs, and researchers
- Research will greatly feed into other technologies and application domains

ABOUT THE AUTHOR

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