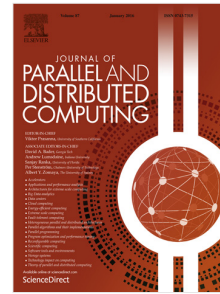


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Rate-based thermal, power, and co-location aware resource management for heterogeneous data centers

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In summary, we make the following novel contributions:

- Derivation of a new detailed model of a heterogeneous data center.
- Design of resource management methods for co-location, power, and temperature.
- Analyses of resource management methods using several facility configurations.
- Sensitivity analysis under a range of constraint values and workload environments.

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