

Performance Measures Other Than Time

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March 8, 2007

Examples of performance measures

	cumulative measures	rate measures
physical measures	energy, radiation chip area	power, heat production poison concentration bandwidth, frame size
social measures	money man-years	number of fte

- ▶ memory size, buffer size
- ▶ Time-related measures: throughput, latency, reconfiguration time

Possible Objectives

- ▶ Looking for a **minimum**
- ▶ compute **distributions**/quantiles
- ▶ Is it possible to extend distribution calculation to **optimization**?
- ▶ **expected** values — didn't excite the group

Possible Objectives

- ▶ Looking for a **minimum** or almost-minimum
 - ▶ heuristic search
- ▶ compute **distributions**/quantiles
 - ▶ stochastic model checking finds single points of the distribution
 - ▶ statistical analysis of simulations
- ▶ Is it possible to extend distribution calculation to **optimization**?
 - ▶ parametric model checking?
- ▶ **expected** values — didn't excite the group