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Energy optimization of security-sensitive mixed-criticality applications for distributed real-time systems

Jinyu Zhan, Xia Zhang, Wei Jiang, Yue Ma, Ke Jiang





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## **ACCEPTED MANUSCRIPT**

Establishing the system model to capture security-critical applications in mixed-criticality systems.

Proposing a system-level design framework for energy optimization of security-sensitive mixed-criticality systems.

Presenting a GA based efficient heuristic algorithm to address the system-level optimization problem.

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