Graduate Operating Systems

Spring 2023

Paper "DVS"

- Real-Time Systems
- Dynamic Voltage Scaling (DVS, DFS)
- Over-designed systems (peak performance)
- Periodic task model
- Earliest Deadline First (EDF)
- Rate Monotonic Scheduling (RM)
- Schedulability test

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| | Relative Performance | | |
|---|----------------------|--|--|
| Ē | nergy savings | Look Ahead EDF Cycle Conserving EDF | |
| [| Static Voltage Sc | ling EDF Schemes | |

