

USC Viterbi School of Engineering

Ming Hsieh Department of Electrical Engineering

Optimizing Mobile Computational Offloading with Delay Constraints Yi-Hsuan Kao, EE / Dr. Krishnamachari









Discussion & Future Work

•We also perform stochastic analysis that is applicable to probabilistic delay constraints: $\mathbf{P}\{T_{total} \leq t_{max}\} \geq p_{obi}$. Simulation Results show that K~10 provides good performance.

Future Work:

Generalize our algorithm to acyclic graphs.

Identify potential applications on mobile networks, cloud robotics, sensor networks, etc.

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