Código da Disciplina: TE 816

Nome: Modelagem e Avaliação de Desempenho de Sistemas de Comunicação.

Responsável: Professor Carlos Marcelo Pedroso.

Carga horária: 60 horas.

Número de Créditos: 04

Ementa:

Abordagens para avaliação de desempenho de sistemas. Probabilidade e estatística aplicadas à avaliação de desempenho. Processos estocásticos. Cadeias de Markov. Sistemas básicos de filas. Lei de Little. Modelo de filas: M/M/1, M/M/n, M/G/1. Séries Temporais: AR, MA, ARMA, ARIMA. Modelos auto-similares, parâmetro de hurst e LRD. Simulação de sistemas: técnicas de implementação e análise.

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