SEMİNER

Tarih-Saat: 30/05/2013 Perşembe – 13:00

Yer: Endüstri Mühendisliği Bölümü Konferans Salonu

REGRESSION AND PREDICTION WITH NEURAL NETWORKS AND LEARNING ALGORITHMS

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Non-linear regression and prediction of time-series are very common tasks in industrial applications. Driven mainly by data mining applications and classification tasks, learning algorithms have seen quite some development from first neural networks to advanced applications of multi-layer perceptrons and support vector regression.

Focus will be on structural aspects of neural networks and general learning algorithms for the purpose of nonlinear regression and time-series forecast.

Application will be demonstrated for examples from energy markets.