Abstract

This study employed the back-propagation neural network and genetic algorithm to forecast the
air passenger demand in Egypt (International and Domestic). The factors that influence air
passenger are identified, evaluated and analyzed by applying the back-propagation neural
network on the monthly data from 1970 to 2013 by using Matlab R2013b.

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Index Terms

Computer Science Information Sciences

Keywords

Air passenger Forecasting , Neural Network, Genetic algorithms