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.

References


**Index Terms**

Computer Science  
Information Sciences

**Keywords**

Air passenger Forecasting, Neural Network, Genetic algorithms