

## عنوان مقاله:

Presentation of Hybrid Method of Hopfield Neural Network and Analytical Hierarchy Process to Achieve Optimal Routing Algorithm in the Presence of Interference Electromagnetic Fields in IT Based System

## محل انتشار:

نهمین کنفرانس بین المللی مهندسی صنایع (سال: 1391)

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## خلاصه مقاله:

Optimal routing of data transmission in Information Technology (IT) systems has considered as a complex problem in order to proper functioning of system. Unwanted magnetic fields interfere in functioning of digital data transmission conductors. The object of this paper is presentation of a hybrid methods of Analytical Hierarchy Process (AHP) and Artificial Neural Network (ANN) to determine the optimal route of data transmission cables in the Information Technology systems

## کلمات کلیدی:

EMC, AHP, ANN, Optimal Route

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/189090>

