

## عنوان مقاله:

High Frequency Analysis of Single Overhead Line Terminated to Grounded Arrester

## محل انتشار:

دوفصلنامه مهندسی مخابرات, دوره 2, شماره 3 (سال: 1392)

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## خلاصه مقاله:

In this paper, intelligent models based on fuzzy inference are proposed to analyze single overhead line terminated to arrester. This paper consists of two parts. The first one is modeling overhead line and the second one is related to modeling grounding system. In each part, the behavior of the problem is first represented as simple and unchanged membership functions. After then, effects of parameters of the problem such as height of overhead line, and lightning-strike point are extracted as simple curves. As a result, these achieved models in despite of transmission line model (TLM) is applicable for high frequencies created by lightning strikes.

## کلمات کلیدی:

Overhead line, arrester, Fuzzy inference

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/944321>

