

عنوان مقاله:

Application of Genetics Algorithm in linear array synthesis to reduce levels of side lobe pattern

محل انتشار:

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خلاصه مقاله:

There are numerous problems in electrical engineering for which there are no analytical solutions. In fact, electromagnetics' problems are often nonlinear and non-differentiable in practice. One of the most effective methods to solve these types of problems is genetics algorithm method. Using generation survival rules, genetics algorithm randomly directs a population towards a solution. Compared to the traditional methods, this algorithm allows a faster .overall optimum, which is the main goal of every optimization method

کلمات کلیدی:

Genetics algorithm, Side lobe, linear arrays synthesis

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