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# Speeding up of GA optimization process for patch antenna design

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## **Abstracts**

The use of genetic algorithm (GA) integrated with method of moments (MoM), for the optimization design in electromagnetic engineering has gained much popularity in recent days [3]. Two of the main problems faced by designers during the optimization process are high computation time of the MoM analysis and limits to its searching capability. In this paper, the detailed discussion of some associated problems, as well proposed remedies will be presented

**keywords:** method of moments; genetic algorithms; microstrip antennas