

Maximum Power Point Tracking Using FLC Tuned with GA

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Abstract : The pursuit of the MPPT has led to the development of many kinds of controllers, one of which is the Fuzzy Logic Controller, which has proven its worth. To further tune this controller this paper will discuss and analyze the use of Genetic Algorithms to tune the Fuzzy Logic Controller. It will provide an introduction to both systems, and test their compatibility and performance.

Keywords : fuzzy logic controller, fuzzy logic, genetic algorithm, maximum power point, maximum power point tracking

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