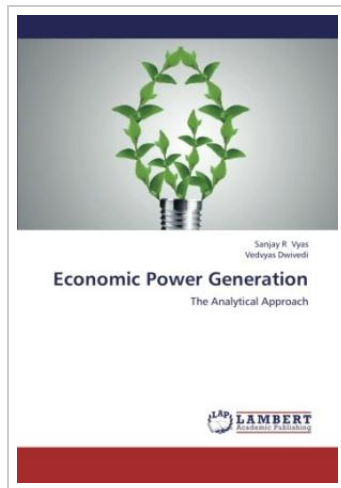




Economic Power Generation

By Vyas, Sanjay R / Dwivedi, Vedvyas

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | The Analytical Approach | Matlab programming has emerged as a useful optimization tool for handling nonlinear programming problems. Various modifications to the basic method have been proposed with a view to enhance speed and robustness and these have been applied successfully on some benchmark mathematical problems. But few applications have been reported on real-world problems such as economic load dispatch (ELD). The performance of evolutionary programs on ELD problems is examined and presented in this report. In First step the basic technique are used to the Economic load dispatch where we calculate the cost function with classical method. We develop matlab program for the classical method and the find the result. In second step we develop evolutionary programs and genetic algorithm for the Economic load dispatch and compare the result with the classical method. Finally conclude with the comparison and conclusion. | Format: Paperback | Language/Sprache: english | 88 pp.



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