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Electrical Engineering / Informatics

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Search/result list

- You have the option to either browse the contents of the database or to do targeted research using the search field and **Advanced search**.
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A hybrid evolutionary approach is proposed for the combined problem of feature selection (using a genetic algorithm recombination and a fitness function based on a counter-propagation artificial neural network) and subsequent classification (using a strongly-typed genetic programming), for use in nonlinear association studies with relatively large potential feature. The method was tested using synthetic data with various degrees of injected noise, based on a proposed mental heuristics show the algorithm has good potential for feature selection, classification and function characterization.