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Applications of Heuristic Methods to Electrical Power Engineering

Guest Editor:

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Deadline for manuscript submissions:
closed (15 January 2020)

Message from the Guest Editor

Dear Colleagues,

Heuristic methods are a crucial aspect of any complex algorithm. Power systems analysis and operation are no exception to this rule. Whoever has implemented a routine to solve the power flow analysis through the Newton-Raphson method, for example, knows well that the choice of the initial guess and the convergence criterion are based on heuristics. However, heuristic methods are, more often than not, associated with artificial intelligence and other black-box techniques that do not attempt to investigate the functioning of algorithms, unravel the inner details of theoretical models, or understand the physical behaviour that is described and the assumptions and simplifications that are implied by such models.

Prof. Dr. Federico Milano
Guest Editor

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Message from the Editor-in-Chief

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