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Research on algorithm of hybrid dynamic simulation in power system

Zhao, H.-S. 🔒 ✉, Zhang, J.-P. 🔒 ✉, Mi, Z.-Q. 🔒 ✉ 📝

Dept. of Electric Engineering, North China Electric Power University, China

Abstract

This paper presents a kind of hybrid algorithm for dynamic simulation of power system. For power system is a typical hybrid system, an integrated analysis method that includes continuous and discrete dynamic behavior must be considered. The algorithm in this paper analyses continuous and discrete behavior of power system by using QSS/QSS2 (quantized state system) method based on discrete-event mechanism.

Author Keywords

DEVS; Hybrid; Power system; QSS; Simulation

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Zhao, H.-S.; Dept. of Electric Engineering, North China Electric Power University, China; email:zhaohshcn@126.com

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