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n the system, and develop corresponding strategies power system stability analysis, the mathematical models of system compo-nents not only directly relate to the analysis results, but also have a s gnificant effect on the complexity of the analysis. Therefore, if appropriate mathematical models for each system component are developed,

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P. C. Krause, Analysis of Electric Machinery, McGraw-Hill, 1986. M. Pavella, D. Ernst and D. Ruiz-Vega Power System Transient Stability Analysis and Control, Kluwer Academic Publishers, 2000.

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