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Alternative Conceptual Models for Analyzing Global Events: The Case Study of the Cuban Missile Crisis

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Abstract: Modeling and simulation has proved itself as a valuable interdisciplinary tool. The book "Modeling and Simulation for Analyzing Global Events" by John Sokowloski and Catherine Banks presents a persuasive and elaborate case of how modeling and simulation can be effectively applied in international and strategic studies by developing conceptual models for several case studies. Among those case studies is the Cuban missile crisis. While Sokolowski and Banks used Game Theory as basis for the conceptual model they developed to study the crisis, this paper will build a case for using the system dynamics simulation paradigm for the same purpose.

Keywords: Modeling and Simulation, Conceptual Modeling, International and Strategic Studies