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Daniel Jessie* (djessie@uci.edu) and **Donald Saari**. *The Structure and Analysis of Games*.

For this game theory talk, rather than present a new application or solution concept, I will present an entirely new method for analyzing games. This method focuses on the global space of games to create a simple framework in which we can analyze and create solution concepts. Not only does this approach give a global perspective of the space of games, but it also reveals unique structural information about many different solution concepts. After developing the framework, I show how using this method sheds new light on both theoretical and experimental questions, both simplifying and expanding the current discussion. (Received September 12, 2012)