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William P Fox* (wpfox@nps.edu), Department of Defense Analysis, NPS, Monterey, CA 93943, and **Sean Everton** and **Chris Couch**. *Mathematical Modeling and Analysis of a Dark Money Network*.

In this article, the authors present background and analysis on a dark money network. An AHP/TOPSIS hybrid model is used to find the key nodes of the network. The analysis of the key nodes leads to improved targeting strategies against the network. Game theory applications using kinetic versus non-kinetic strategies in dealing with the network is developed after using AHP to obtain cardinal utility from the ordinal ranking originally provided. These methods provide additional metric that can be employed in dealing and analyzing any dark network. (Received August 17, 2015)