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Donald G. Saari* (dsaari@uci.edu), University of California, Institute Mathematical Beh. Sci., 2119 Social Science Plaza, Irvine, CA 92697-5100. *From Voting Paradoxes to the Search for “Dark Matter”*.

Voting Paradoxes are intriguing when demonstrated; frustrating when experienced in actual elections. After offering examples of paradoxical outcomes, a mathematical reason they occur is described. The surprising fact is that this explanation applies to puzzles from other disciplines—including shedding light on the ‘dark matter’ mystery from astronomy. (Received April 18, 2014)