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George E. Andrews* (gea1@psu.edu), 306 McAllister Bldg., Mathematics Department,
Pennsylvania State University, University Park, PA 16802. *4-Shadows in q -Series, the Kimberling
Index, and Garden of Eden Partitions.*

This talk is devoted to discussing the implications of a very elementary technique for proving mod 4 congruences in the theory of partitions. It starts with a tribute to the late Hans Raj Gupta and leads in unexpected ways to partitions investigated by Clark Kimberling, to Bulgarian Solitaire, and to Garden of Eden partitions. (Received September 15, 2016)