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Nathan H Reff* (nathan.reff@gmail.com), 6572 SHORE ACRES, Hilton, NY 14468. *An Analysis of Convex Shapes Using Tridrafters*. Preliminary report.

In 2000, the Eternity puzzle offered about a 2 million dollar prize for the first solver. This talk will cover the history, rules, and current status of the Eternity puzzle. We will also discuss a simplified set of the Eternity pieces and analyze the shapes that these pieces will fit into. (Received September 26, 2006)