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Mark D Meyerson* (mdmeyerson@yahoo.com). *Halving It All*.

In 1990, Mark Kidwell and I were somewhat surprised to realize that although a triangular plate would balance on every line through its centroid, only the three median lines both balance the plate and halve its area. In fact, drawing the halving lines produced curves, as envelopes, that we showed were hyperbolas. At Mark's suggestion, we published these ideas in a new journal called Quantum, intended for gifted high school students, recently launched by the National Science Teaching Association. (Received September 12, 2020)