

MthStat 465, Spring 2005, Lecture Number 8

A Geometric View of the Mean

Guest Lecture by Henry Kranendonk, Milwaukee Public Schools

The mean can be connected to geometric objects via the centroid, and this connection can be exploited to give insights into the mean itself.

Examples involving physical balancing as well as population centers were discussed.

A statistical demonstration of the proposition that the medians of a triangle will intersect at a point dividing each median in the ratio of 2 to 1 was given.