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Math 55a: Honors Advanced Calculus and Linear Algebra Neighborhoods (a.k.a. open balls) and open sets. Math 55a: Honors Advanced Calculus and Linear Algebra Metric topology II: open and closed sets, etc. Neighborhoods (a.k.a. open balls) and open sets. To further study and make use of metric spaces we need several important classes of subsets of such spaces.

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Math 55 is a two-semester long first-year undergraduate mathematics course at Harvard University, founded by Lynn Loomis and Shlomo Sternberg. The official titles of the course are Honors Abstract Algebra (Math 55a) and Honors Real and Complex Analysis (Math 55b). Previously, the official title was Honors Advanced Calculus and Linear Algebra.

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