

1145-01-2129      **Laura E Turner\*** (lturner@monmouth.edu), Department of Mathematics, Monmouth University, 400 Cedar Avenue, West Long Branch, NJ 07764. *Notions of continua in E.V. Huntington's work*. Preliminary report.

In the early years of the 20th century, Harvard mathematician E.V. Huntington (1874–1952) published a number of different sets of postulates defining the algebra of real quantities and the underlying linear continuum. In this talk, we explore his treatment of continua. In particular, we consider his discussions of Cantor's and Dedekind's definitions, and his mathematical and pedagogical motivations. (Received September 24, 2018)