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Lawrence Arthur D'Antonio* (ldant@ramapo.edu). *The Nature of Proof: an Historical Perspective.*

In this talk we undertake a brief historical survey of the changing role of proofs in mathematics and in the classroom. For example, when did it become common to ask undergraduate students to be able to do proofs? One would expect to find exercises requiring proofs in geometry texts, but what about algebra or calculus texts of the past? We also discuss the expectations of instructors with regard to proofs by examining the debate between William Fogg Osgood and E. V. Huntington on whether or not there is a student standard of proof in mathematics. (Received February 18, 2018)