

1135-P1-2690 **Joseph E. Fields*** (fieldsj1@southernct.edu), SCSU - Mathematics, Engleman Hall (EN D118), 501 Crescent St, New Haven, CT 06515. *A 21st century Foundations text*. Preliminary report.

Progress report on IntroToProof. *A Gentle Introduction to the Art of Mathematics* is a free and open-source text for an “introduction to proof” course. Created in L^AT_EX, it has gone through multiple revisions culminating with version 3.1 in 2014. Using the source code for this project and an automated conversion to PreTeXt format as a basis, we are creating a truly modern textbook for the transition to upper level mathematics. IntroToProof is optimized for web-delivery – although hard-copy will be available. The book includes integrated WebWorK assignments, Computer Algebra examples using Sage, and hundreds of graphics/illustrations (including some interactive graphics). Like its predecessor, IntroToProof is a free, open-source project licensed under the GFDL. (Received September 26, 2017)