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*Implementing interactive texts in first year undergraduate mathematics*

An interactive text is a computer-based reading material that gives students a possibility to experiment with mathematical figures and equations. Interactive components are becoming a popular part of textbooks and courses because by using them, students can give interpretations of mathematical definitions and theorems, observe dynamic invariants or patterns and produce own conjectures. In this talk I will discuss our project on creating interactive texts on “functions’ transformations” and implementing them in Pre-calculus teaching. I will summarize students’ feedback concerned with clarity and usefulness of the texts and its ability to engage and develop interest in the subject. The data collected in this project is useful to understand freshmen’s needs, attitudes and preferences in studying mathematics.