

**ZMATH 2015d.00798**

**Zieffler, Andrew; Isaak, Rebekah; Garfield, Joan**

**The course as textbook: a symbiotic relationship in the introductory statistics class.**

Technol. Innov. Stat. Educ. 7, No. 3, 14 p., electronic only (2013).

Summary: In the past several decades, the statistics textbook has evolved to include a variety of ancillary materials intended to supplement students' learning and assist the teacher (e.g., workbooks, study guides, audio program, test banks, PowerPoint slides, links to applets and websites, etc.). Given the capabilities of modern technology and the need for change in content and pedagogy in the introductory statistics course, a new vision of a textbook is offered, one that exploits new technology, provides modern content, and is a more integral part of the course. Rather than serving as a supplement to a course, the modern textbook needs to embody the course. An example of such a text in the context of a unique, new introductory statistics course is provided.

*Classification:* K15 U25 U75

*Keywords:* introductory statistics; stochastics; educational media; statistics textbooks; innovative formats; digital textbooks; computer as educational medium; university teaching; statistical software; textbook analyses; educational software; classroom management systems

<https://escholarship.org/uc/item/12q2z58x>