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## **LANGUAGE AND LEARNING MATHEMATICS: A SOCIO-CULTURAL APPROACH TO ACADEMIC LITERACY IN MATHEMATICS**

Judit N. Moschkovich  
University of California, USA

This invited lecture summarizes my work on language and learning mathematics. I describe a theoretical framework for academic literacy in mathematics (Moschkovich, 2015) that can be used to analyze student contributions in oral or written modes as well as to review, design, or supplement mathematical tasks and lessons that pay attention to language. The presentation will include a classroom example, recommendations for research on language and mathematics, and recommendations for instruction that pays attention to language. Although the example is from a bilingual classroom, the theoretical framing and the recommendations are relevant to all mathematics learners, including monolingual students learning to communicate mathematically.

### **References**

Moschkovich, J. N. (2015). Academic literacy in mathematics for English Learners. *Journal of Mathematical Behavior*, 40, 43-62.