1099-42-127 **Jodi Herbert** and **Virginia Naibo***, Kansas State University, Department of Mathematics, Manhattan, KS 66506. *Bilinear pseudodifferential operators: boundedness properties and regularity of their symbols.*

The notion of bilinear pseudodifferential operators motivated by the study of commutators, paraproducts and fractional Leibniz-type rules will be introduced. New results in relation to their boundedness properties in Lebesgue spaces will be presented as well as a discussion on minimal regularity conditions for their symbols that imply such properties. (Received February 04, 2014)