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Arpad Benyi (benyi@math.umass.edu), Department of Mathematics and Statistics, Lederle GRT, University of Massachusetts, Amherst, MA 01003-9305, and **Kasso A. Okoudjou*** (okoudjou@math.gatech.edu), School of Mathematics, Georgia Institute of Technology, Atlanta, GA 30332-0160. *Bilinear pseudodifferential operators on modulation spaces.*

Abstract: We study the boundedness of bilinear pseudodifferential operators on products of modulation spaces. In particular, we show that the Feichtinger algebra is a natural class of symbols that should be considered in studying bilinear pseudodifferential operators on such spaces. (Received September 14, 2002)