

1068-54-30

Judith Roitman* (roitman@math.ku.edu), Mathematics Department, University of Kansas,
1460 Jayhawk Blvd., Lawrence, KS 66049. *Paracompact box products, old and new.*

One of the classic cluster of unsolved problems in set theoretic topology relates to the paracompactness of countably many metrizable spaces. Results in the 1970's through 1990's generally involved consistency results; recently there have been real results about subspaces (due to the speaker) and, more recently, the weaker uniform box topology (due to Jocelyn Bell). This talk is a survey of these results. (Received December 21, 2010)