1051-54-202 **W. T. Ingram*** (`ingram@mst.edu`), 284 Windmill Mountain, Spring Branch, TX 78070. *Inverse limits with upper semi-continuous bonding functions: a problem set.*

Certain tools employed in the study of inverse limits with mappings fail in the setting of inverse limits with upper semi-continuous bonding functions. As frustrating as this may be, it presents a golden opportunity for research. We discuss some problems in the theory of inverse limits with set-valued functions most of which arise from this phenomenon. (Received August 25, 2009)