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**Eun Heui Kim\*** ([ekim4@csulb.edu](mailto:ekim4@csulb.edu)), California State University Long Beach, 1250 Bellflower Blvd, Department of Mathematics, Long Beach, CA 90840. *Transonic two dimensional Riemann problems.*

We present some recent results on transonic two dimensional Riemann problems which give rise free boundary and sonic boundary problems. (Received September 01, 2009)