Ron M. Roth (ronny@cs.technion.ac.il), CS Department, Technion – Israel Institute of Technology, 32000 Haifa, Israel, and Pascal O. Vontobel* (pascal.vontobel@ieee.org), Hewlett-Packard Laboratories, Mailstop 1181, 1501 Page Mill Road, Palo Alto, CA 94304. List Decoding of Burst Errors.

We present a generalization of the Reiger bound for the list decoding of burst errors. We then show that Reed–Solomon codes attain this bound. (Received January 08, 2008)