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Iwan Duursma* (duursma@math.uiuc.edu), Department of Mathematics, University of Illinois at Urbana-Champaign, 1409 W Green, Urbana, IL 61801. *Minimum distance bounds for divisible codes*. Preliminary report.

In this talk we will prove an upper bound for the minimum distance of a divisible code with high dual minimum distance. We then show how this bound applies to self-dual codes. The asymptotic version of the upper bound for self-dual codes was first proved by Krasikov and Litsyn, and by Rains. The proof given here avoids some of the technical difficulties in those proofs. (Received January 20, 2004)