BOUNDS FOR CODES WITH UNEQUAL PROTECTION WITH FEEDBACK

Rudolf Ahlswede, Ning Cai and Christian Deppe

Fakultät für Mathematik
Universität Bielefeld
Postfach 100131
D-33501 Bielefeld
Germany

ahlswede@mathematik.uni-bielefeld.de, cai@mathematik.uni-bielefeld.de,
cdeppe@mathematik.uni-bielefeld.de

We derive an upper bound for the transmission rates R_1 and R_2 for codes with unequal protection with feedback of two sets of messages and we give an optimal strategy for codes with unequal protection with feedback of one message-set with cardinality 2^m.