Who Am I?







Marie Curie fellow Coding Theory

& Cryptology group

TU Findhoven

Mathematics of coding theory



Mathematics of coding theory





Mathematics of coding theory



Communication is not perfect because of noise

(electromagnetic disturbances, a scratch on a CD...).

Mathematics of coding theory



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What is the role of mathematics here?



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To study the better tradeoff and to construct codes attaining it.

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Thank you for you attention! e.berardini@tue.nl