NAAM: STUDENTE #

Toegepaste Wiskunde 314

Tutoriaal-toets 11a: Donderdag 20 Mei 2004

- (1) Let C be a linear [n,k]-code over GF(q) with generator matrix G.
 - (a) Define the dual C^{\perp} of C.

(b) Prove that $\mathbf{v} \in C^{\perp}$ if and only if $\mathbf{v}G^T = \mathbf{0}$.