NAAM: STUDENTE #

Toegepaste Wiskunde 314

	Tutoriaal-toets 10a: Donderdag 13 Mei 2004
(1)	Veronderstel C is 'n $[n,k]$ -kode oor $GF(q)$. Bewys dat $/$ Suppose C is an $[n,k]$ -code over $GF(q)$. Prove that
	(a) elke vektor van $V(n,q)$ is in 'n neweklas van C . / every vector of $V(n,q)$ is in some coset of C .
	(b) elke neweklas bevat q^k vektore. / every coset contains q^k vectors.

(c) twee verskillende neweklasse is disjunk. / two distinct cosets are disjoint.