

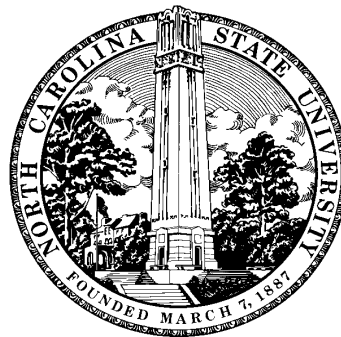
Fast Polynomial Factorization Over High Algebraic Extensions of Finite Fields

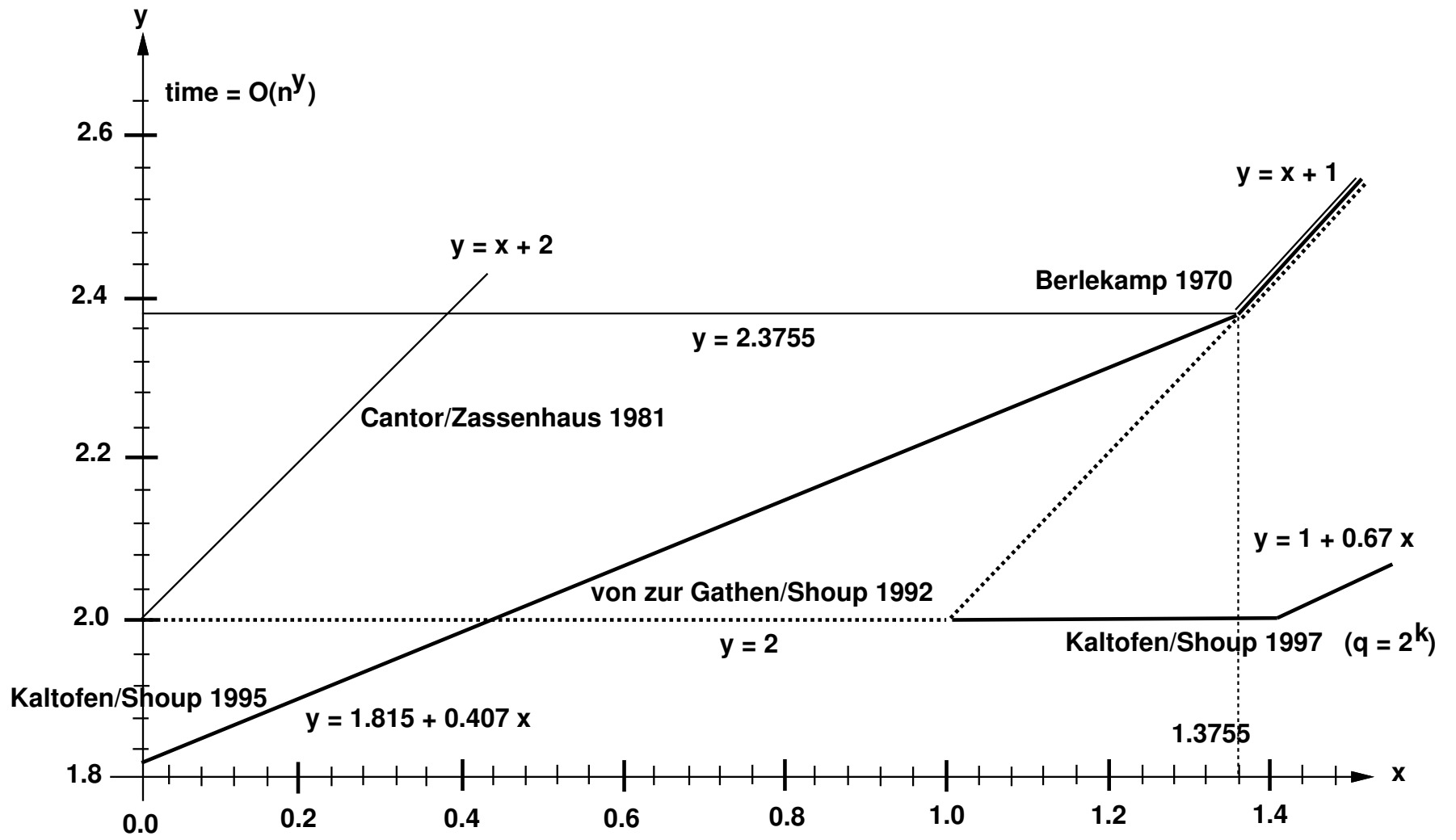
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For $x = 0$, best $y = 1.806$ [using Huang & Pan 1997]

$\log(q) = O(n^x)$

$n = \text{degree}$, $q = \text{number of field elements}$