Fast Polynomial Factorization Over High Algebraic Extensions of Finite Fields

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(joint work with Victor Shoup)

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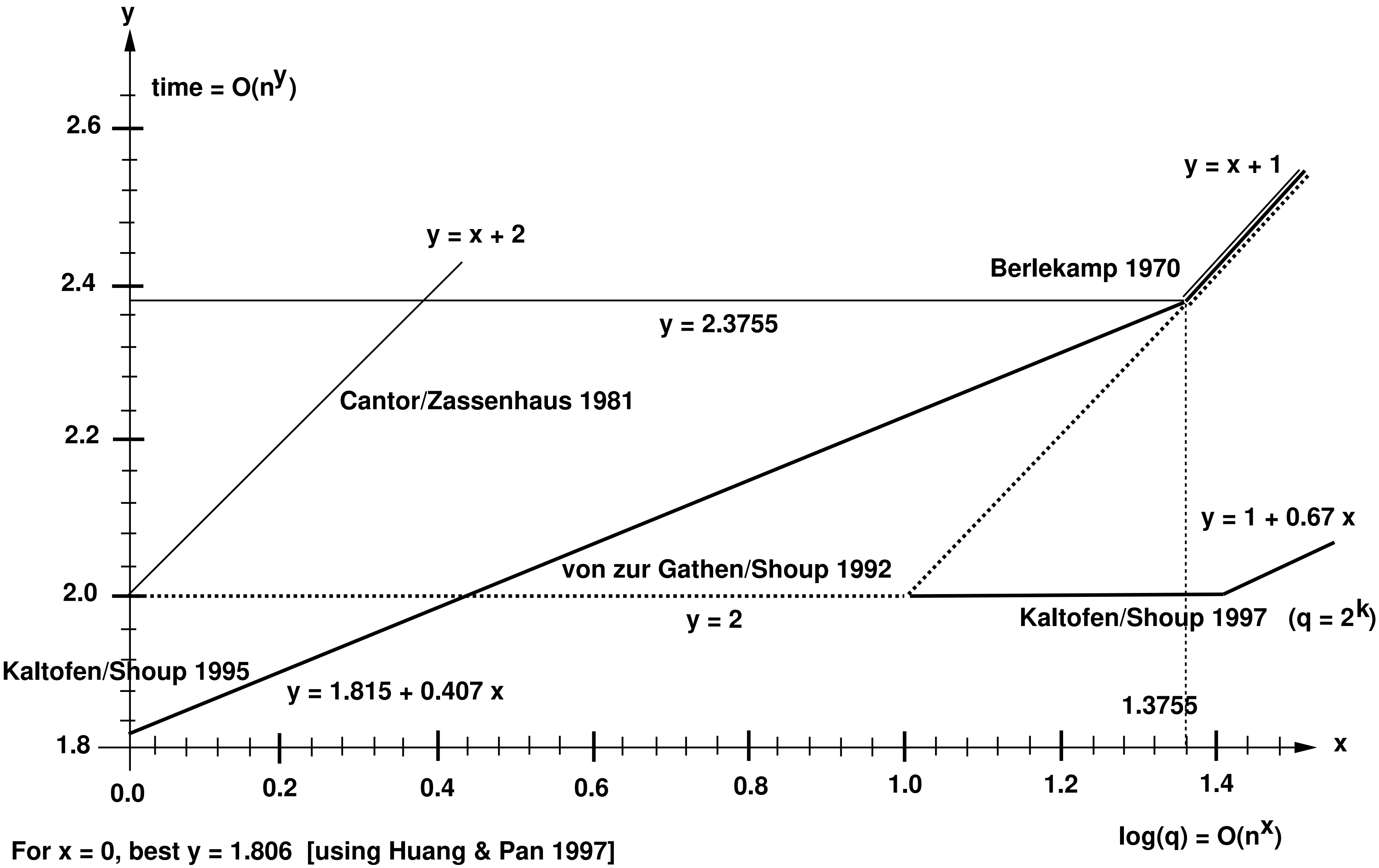

For $x = 0$, best $y = 1.806$ [using Huang & Pan 1997]

n = degree, q = number of field elements