

Theorem There is a constant c_m . for any $k \in \mathbb{N}$. for any string μ s.t. $|\mu| \geq 2^{k+c_m+1} + k+c_m+1$
there is $\delta \preceq \mu$ s.t. $C(\delta) < |\delta| - k$

c_0 constant for identity)

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$k+c_m+1$