

Sequence Analysis SS 2015

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9. Exercise sheet, 16. June 2015

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Exercise 1.

You want to match a pattern of length 100 within edit distance 9:

1. Give a filtration scheme for contiguous q -grams with threshold greater than 20 and maximum q .
2. Give the maximum threshold for the gapped q -gram $##-####-##$.

Exercise 2. (Threshold computation)

Prove Lemma 10 from the script (Chapter 6.4).