Keywords week 4 DSBA 2018

Combinatorics: Rule of Product

- Rule of product (multiplication principle)
- Cartesian product
- Cartesian plane
- ullet Words over k-ary alphabet
- Permutations
- Arrangements of sequences (ordered subsets)
- \bullet Number of k-subsets (k-element subsets) of an n-set (n-element set): $\binom{n}{k}$ (read "n choose k")
- Discrete probability