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By19850316Arthur Golubev20240929ConceptsChecklistForDataStoring

1 Numbering with correspondence with existing sets

2 Grouping

3 Ordering

4 Dividing for parts:

4-1 preliminary

4-2 in the process

5 Indexing

6 Routing

7 Using stamps for routing

8 Using ranges of values for routing

9 Using probable equality for routing

10 Storing as trees

11 Storing as successions

12 In successions storing trees

13 Storing as networks

14 Storing networks as neighbors lists

15 Storing network as table

16 Priority trees

17 For skipping information using more rare lists

18 Required accuracy of the being searched value

19 Storing parts of a value in nodes so that the value can be collected when passing through an intended path

20 Reusing nodes with the same values in paths

21 Storing values more than once

22 Using multiple acting threads

23 Balancing lengths of paths in trees

24 Balancing heights in trees

25 While searching doing portions or ordering

26 Probability of searching for different values from a set

27 Requirements to search only some of values from a set