

Computer Science 3A - CSC3A10

Skip List Examples

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1 SkipList Examples

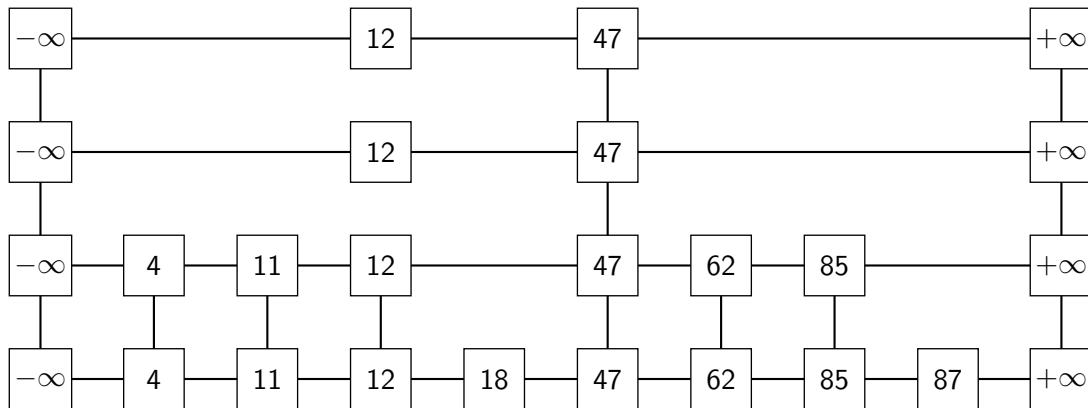
- Example 1
- Example 2

SkipList Examples

A skip list is a sequence of lists where S_0 contains all the positions to the Entries and subsequent lists have a probability of having the entry positions repeated in a tower.

Example 1

Analyse the skip list below and illustrate using diagrams how you would **insert** an entry with a key of 48 and 3 heads coin flips and then remove **71**.



Example 2

Analyse the skip list below and illustrate using diagrams how you would **insert** an entry with a key of 69 and 1 heads coin flip.

