

# RANDOM TREES AND STOCHASTIC PROCESSES OF ENTIRE FUNCTIONS

**Michael Drmota**

Institut für Diskrete Mathematik und Geometrie,  
TU Wien

[michael.drmota@tuwien.ac.at](mailto:michael.drmota@tuwien.ac.at)

[www.dmg.tuwien.ac.at/drmota/](http://www.dmg.tuwien.ac.at/drmota/)

# Summery

- Quicksort
- Profile of Trees
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# Quicksort

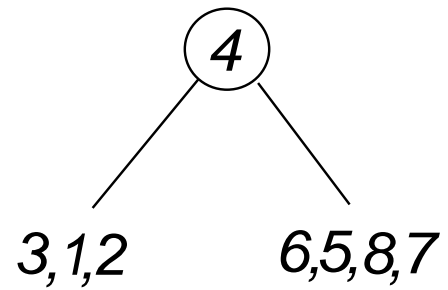
Sorting of data

4,6,3,5,1,8,2,7

# Quicksort

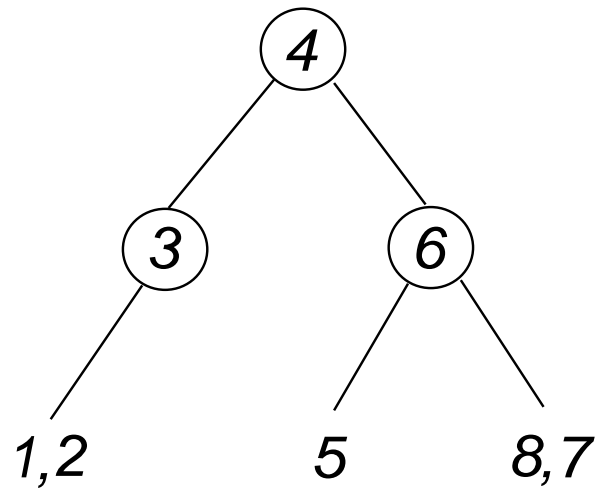
Sorting of data

6,3,5,1,8,2,7



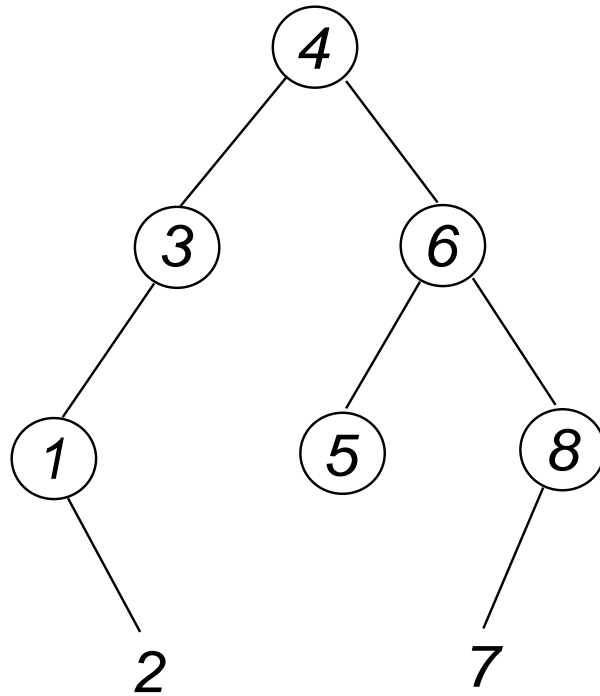
# Quicksort

Sorting of data



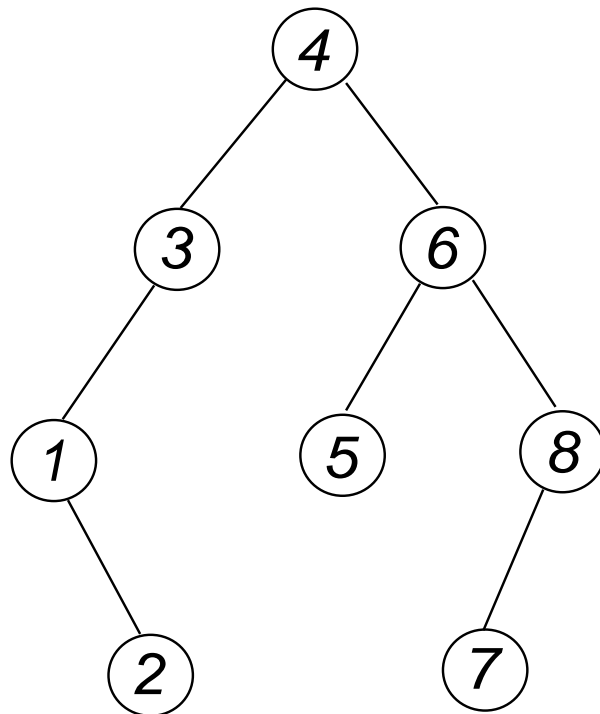
# Quicksort

Sorting of data



# Quicksort

Sorting of data



# Binary Search Tree

Storing of data

4,6,3,5,1,8,2,7



# Binary Search Tree

Storing of data

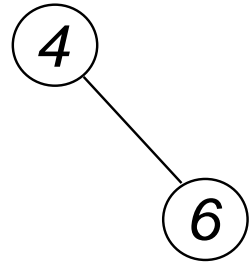
6,3,5,1,8,2,7

4

# Binary Search Tree

Storing of data

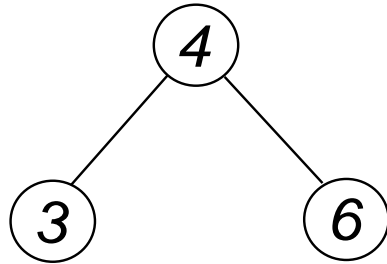
3,5,1,8,2,7



# Binary Search Tree

Storing of data

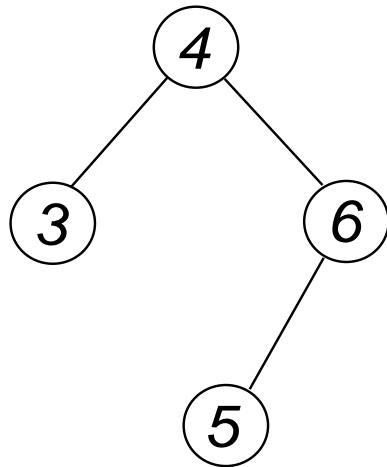
5,1,8,2,7



# Binary Search Tree

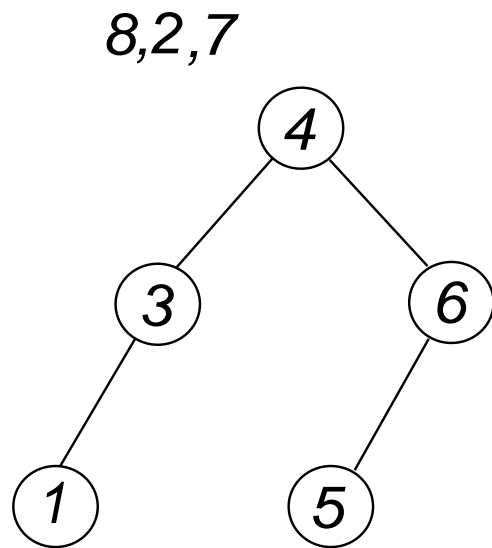
Storing of data

1,8,2,7



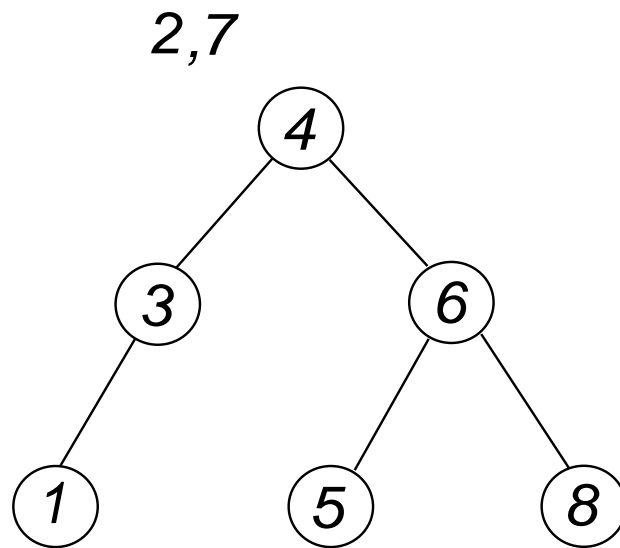
# Binary Search Tree

Storing of data



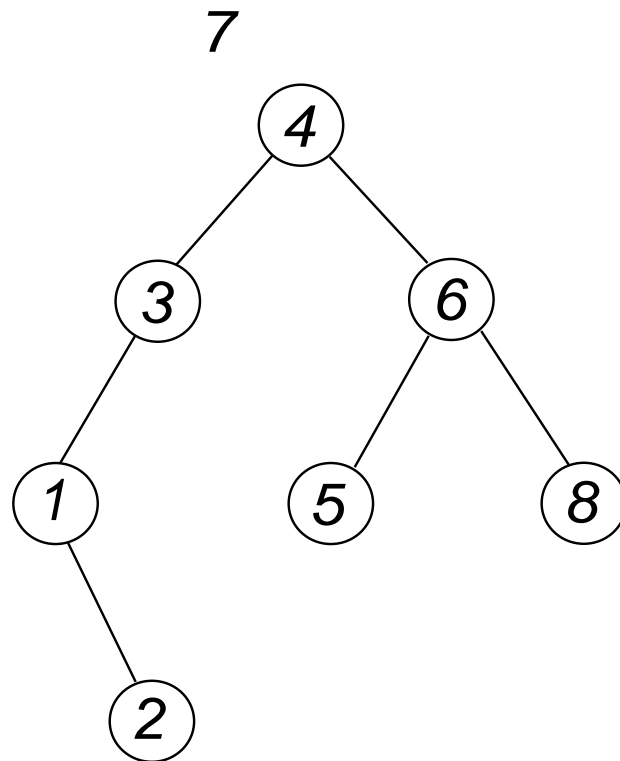
# Binary Search Tree

Storing of data



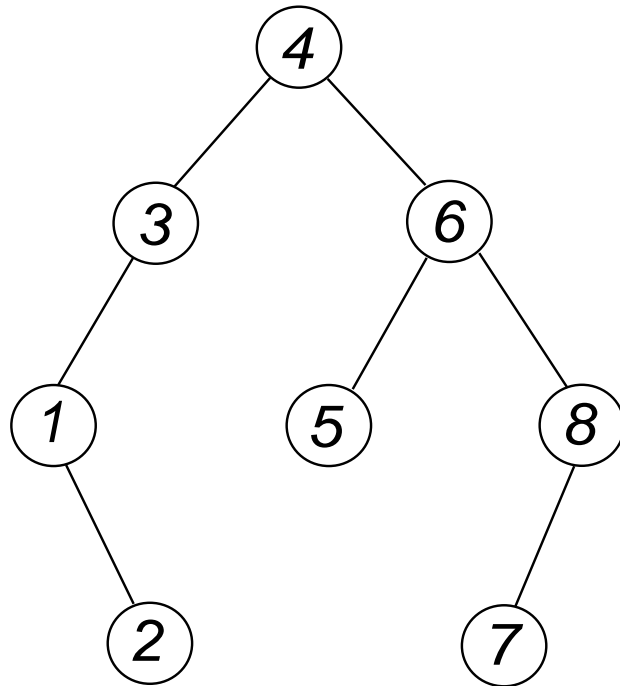
# Binary Search Tree

Storing of data



# Binary Search Tree

Storing of data





# Quicksort

Median of 3

4,6,3,5,1,8,2,7

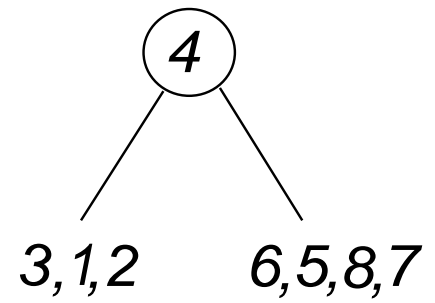
# Quicksort

Median of 3

↓  
4,6,3,5,1,8,2,7

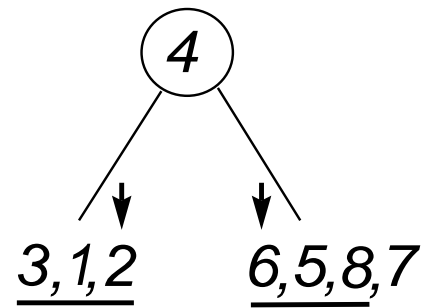
# Quicksort

Median of 3



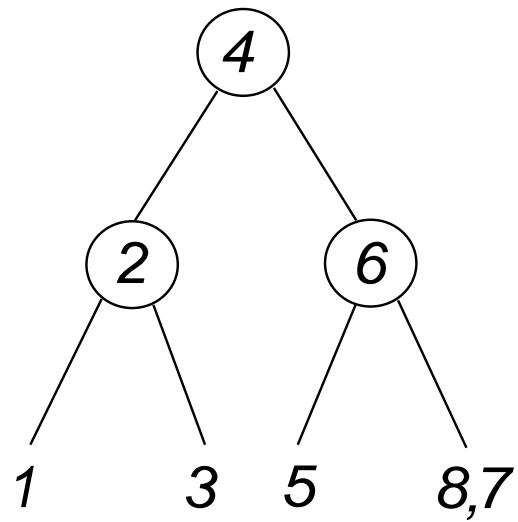
# Quicksort

Median of 3



# Quicksort

Median of 3



# Quicksort

## Median of 3

