Seminar Comp. Sci. Dept.

AVL Trees

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July 14th Thursday, 11:00 to 12:00 am
Venue – Computer Science Building – Room 327

Abstract -

Binary search trees are a well-known data structure, with fast search times on average. But in real-world applications, a binary search tree may be built such that it degenerates from the ideal. AVL trees are a type of search tree which maintains a balance condition, so that their search times are close to optimal at all times, but they are often a difficult data structure for students to grasp. We will present a concise, relatively easy-to-understand description of AVL trees and their function, as if it was continued from a class study of binary trees and search trees.