CSS.201.1 Algorithms

Instructor: Umang Bhaskar

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SCRIBE: SOHAM CHATTERJEE

SOHAM.CHATTERJEE@TIFR.RES.IN WEBSITE: SOHAMCH08.GITHUB.IO

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Red Black Tree

Definition 1.1: Perfect Binary Tree

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Definition 1.2: Red Black Tree

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Lemma 1.1

Every perfect binary tree with k leaves has 2k-1 nodes (i.e. k-1 internal nodes).