Overview of Lectures 2-7: Bootcamp on Classical Consensus

(Lecture Series on Foundations of Blockchains)

Foundations of Blockchains Tim Roughgarden

Summary of Lectures 2-7

Lecture 2: Synchronous model. Dolev-Strong protocol (for BB, SMR), dishorest vodes. Lecture 3: Synchronous model. Without PKI, need 67% horrest. (Hexagon proof.) hect are 4: Asynchronous mulel. Ofintion. Stort FLP impossibility. Lecture 5: Asynchronous world. Finish proof of FLP impossibility. Lecture 6: The pocketly syrchrorous model. Need 67% hourst. The CAP Thousen. Lecruse 7: le Tendermint protocol + its provable guarantees. "BFT-type" } fragres states consistency + "eventual" l'beness [stort longest-clock consers protoculs in hecture 8] Foundations of Blockchains