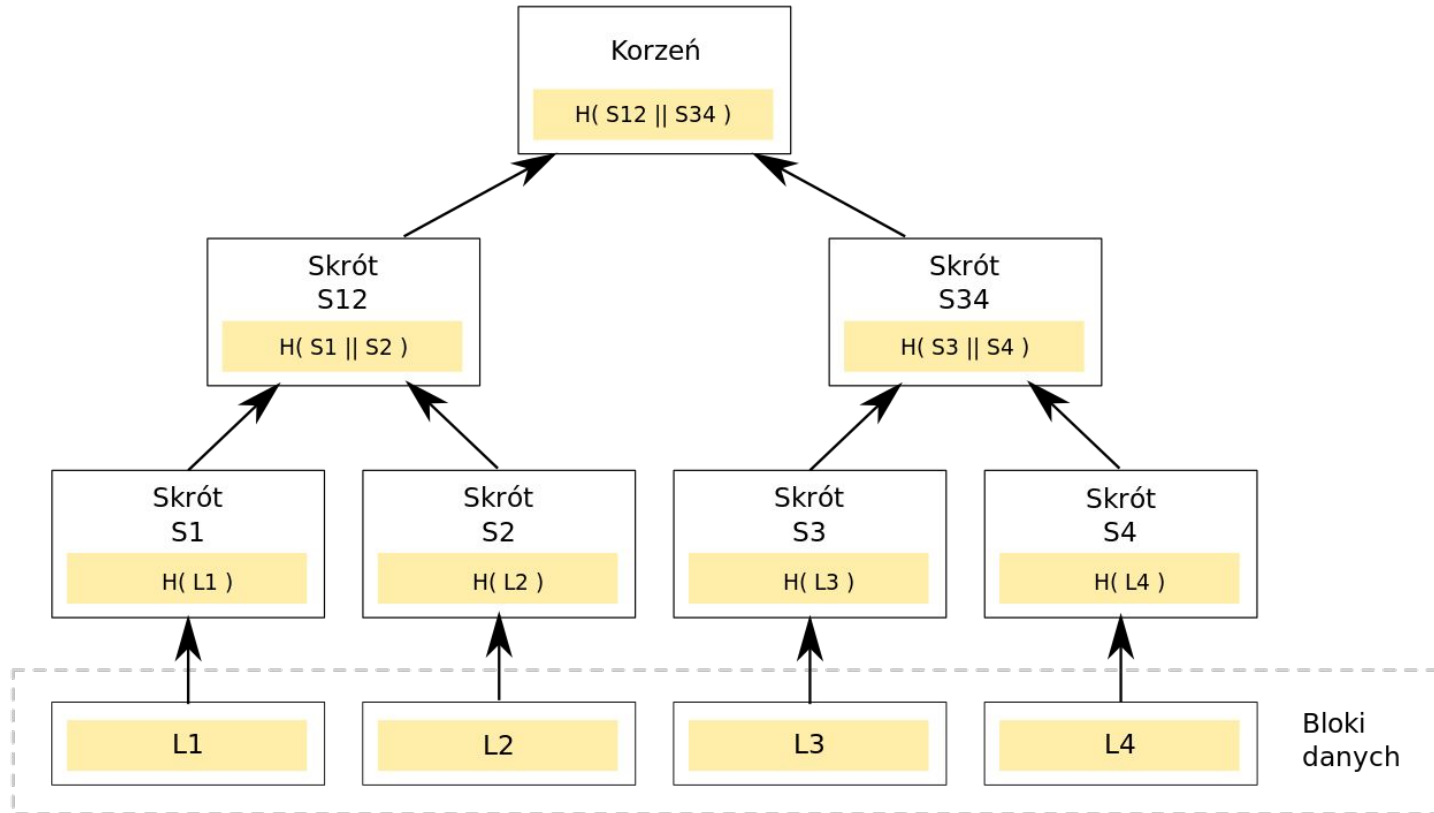


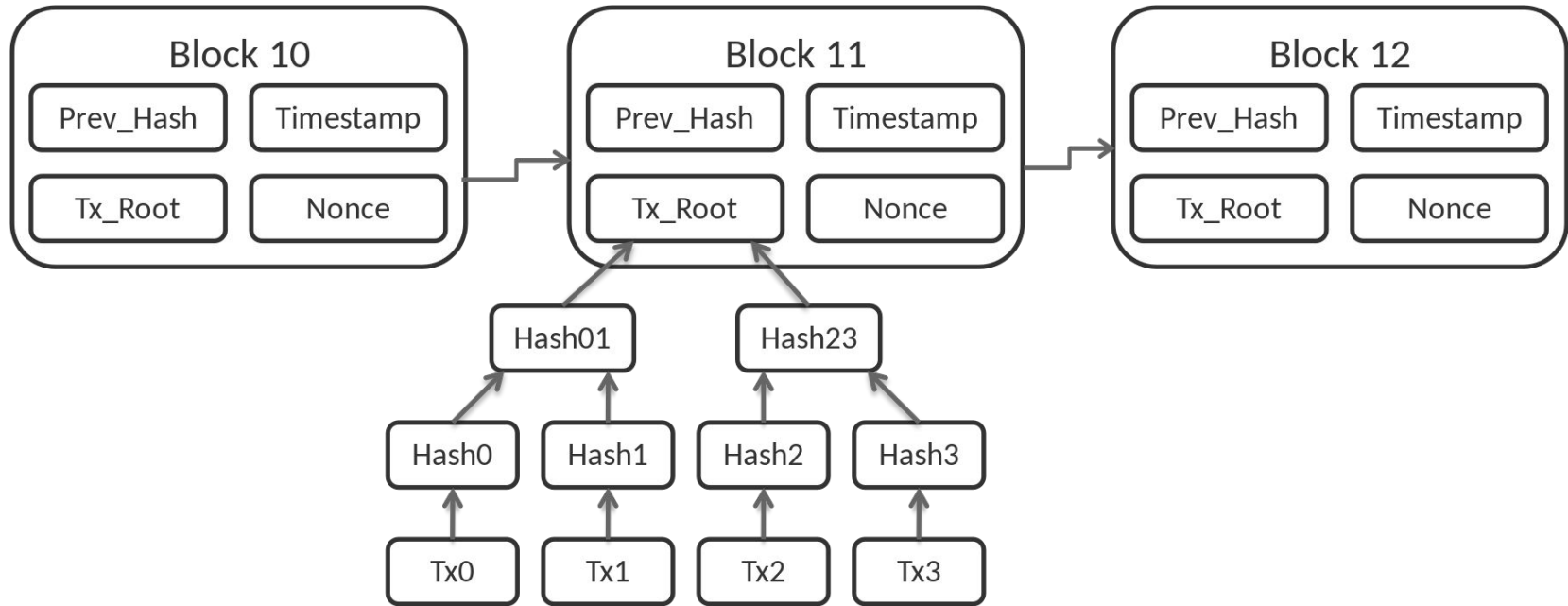
# Blockchain

informacje wstępne

# Fundament - drzewa Merkele (hash tree)



# Blockchain - z czego składa się blok?





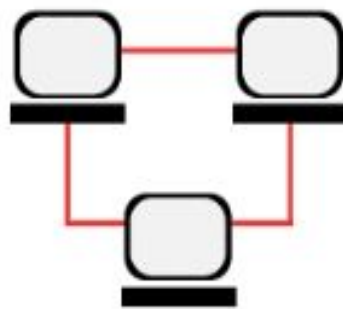
## DECENTRALIZED

- The control/ power is not held by a single entity. Instead it is distributed among multiple participants.
- Even if one node is corrupted/ fails, the network repairs itself.



## PEER TO PEER

- Direct peer to peer transaction of data or finance.
- Decentralized nature of blockchain instills trust in the process such that two unknown parties can directly interact/ transact with each other



## DISTRIBUTED

- Data is distributed among nodes(computers/ hard drive)
- Even if one node is tampered the data does not get compromised.

# Blockchain - mechanizmy

- Proof of Work (PoW)
- Proof of Stake (PoS)
- Smart Contracts
- NFT