Once the CPU effort has been enjeweded to make it satisfy the proof of work, the block connet be changed without redong the work you cannot have a signific person determining ceverything Thow is essentially one-CPV-one-note - majority decision by the bigger chain Network - steps O new transaction broadcasts to all nodes Each node collects transactues into a block (3) Each node mortes en finding a difficult pow for its block When anode finds a pow, it broadcasts the block to all node (5) Nodes accept the block only y all transactions in it are valid and not already spent-1 Nodes estpores their acceptance of the block by working on creating the next block in the chain, using the hosh of the a ccepted block as the premous hosh. Insenting - for finding fow you get new ord. The incentive may help encourage nodes to Stay ho nest.

server ordered server book, depends server blocks howh Timestamp) -> + mestary server existed at the stime, obviously in order to get hash - Each timestamp includes premiers to in its hash forming a charin with each additional ts reinforcing Block Block (Proof - of - work) 4 to implement a distributed to server on a p-2-p basis. - based on Adam Back's mash cash credted for Denial - of -service attack. There any week required is enformential in the no.

of zero bits orequired and can be very ed by enecuting a single host. > Trying to find the rerue is very hard.

Transactions electronic coin as a chain of digital we define an Lynatures Irans action Transaction -> Banks usually don't use puriate key of the only many to confirm the absurce of a transaction is to be aware of all the transactions.

"Bitcoin! A Peer to Peer Electronic Cash System?
Introduction  -5  Signature  Central authomity  Signature  Bank
work over here means a mining to find
the nonce.
=> even if you break the chain, you wont have enough
compute power on proof of most.
=) messages are broadcost on a best effort basis
> centralized problem -> Completely, correversible of payments
is not really possible - cost of mediatoryn increases
estransaction costs lumitup the minimal practical
transaci-voir
Consideration of the second
3 Bitcoin makes every transaction irrevenble,
> Bitcoin makes every transaction verewantle, removing the risk of a fraud.