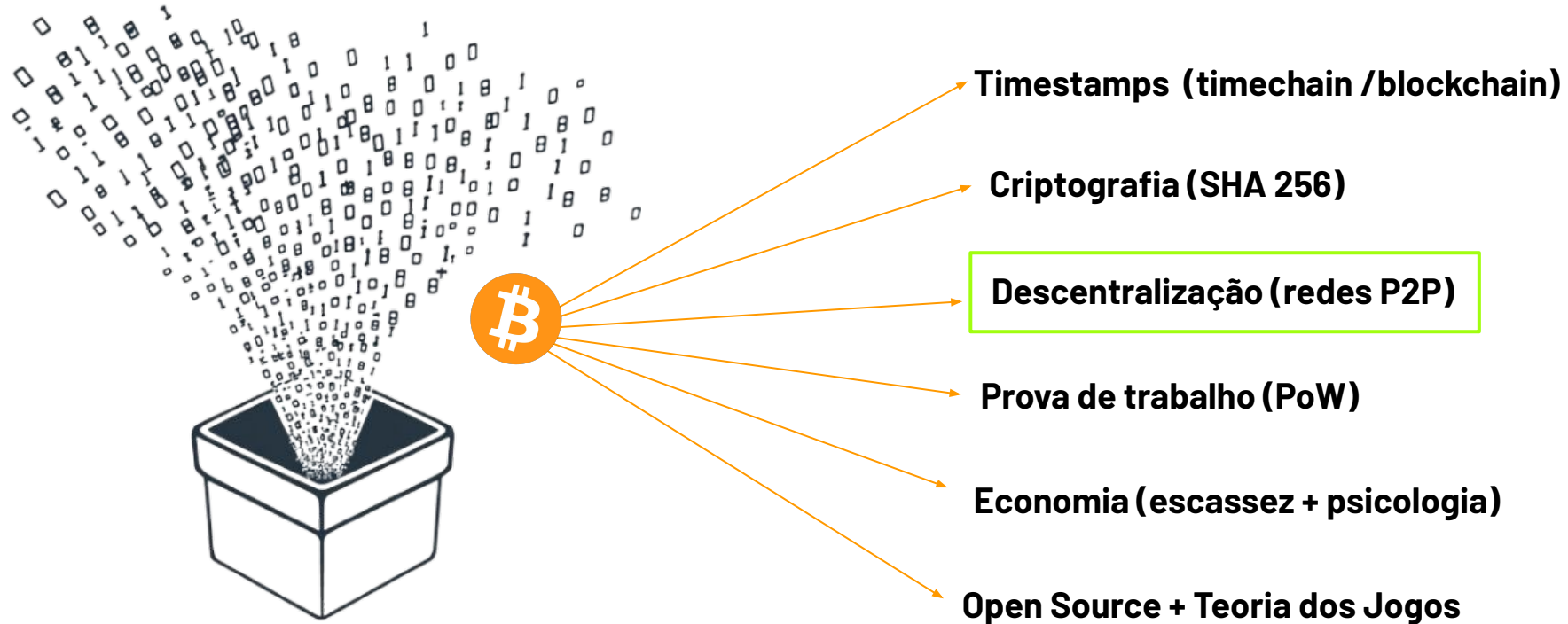
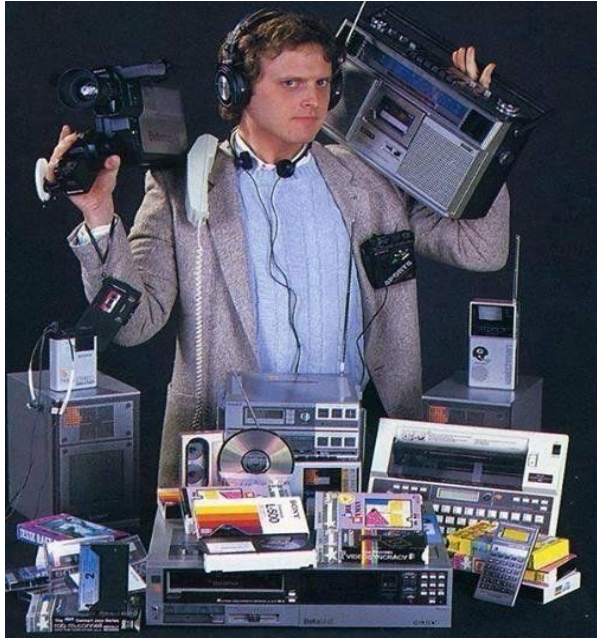


UNIÃO DE TECNOLOGIAS E CONCEITOS



DESMATERIALIZAÇÃO E DESCENTRALIZAÇÃO



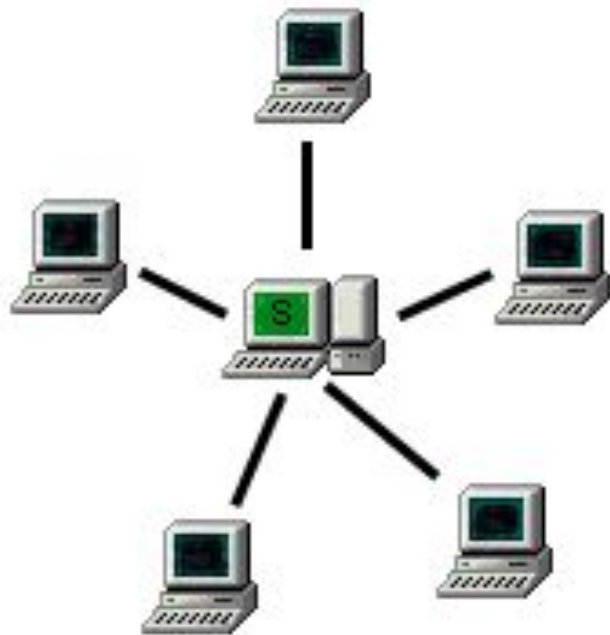
Tecnologia desmaterializa funções



**Descentraliza o acesso a valor e
desmaterializa o sistema financeiro global**

A internet do valor

REDE CENTRALIZADA APOIADA EM UM SERVIDOR



REDE P2P DESCENTRALIZADA



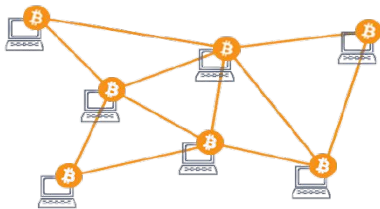
CENTRALIZADO vs DESCENTRALIZADO



BANCOS CENTRAIS



**REAL
DÓLAR
EURO...**



REDE DESCENTRALIZADA



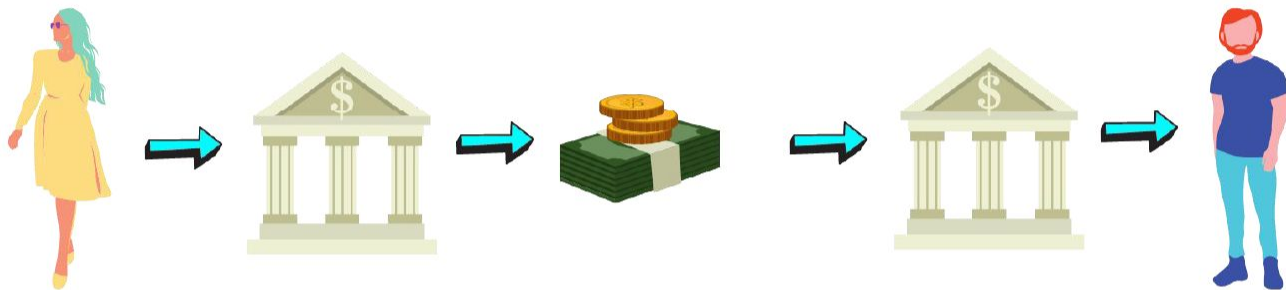
BITCOIN



Bitcoin4all

FIAT vs BITCOIN

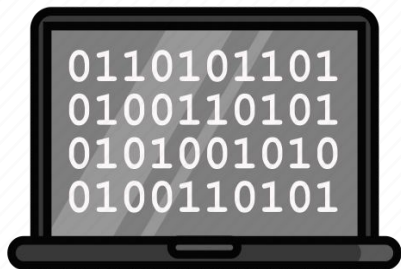
**MOEDAS
FIAT**



BITCOIN



COMPONENTES DA DESCENTRALIZAÇÃO



CÓDIGO
(CONSENSO E COORDENAÇÃO)



MINERADORES
(CONSENSO E COORDENAÇÃO)



NODES
(DESCENTRALIZAÇÃO E VERIFICAÇÃO)

BITNODES

Bitnodes estimates the relative size of the Bitcoin peer-to-peer network by finding all of its reachable nodes.

REACHABLE BITCOIN NODES

Updated: Sat Jan 4 13:21:16 2025 -03

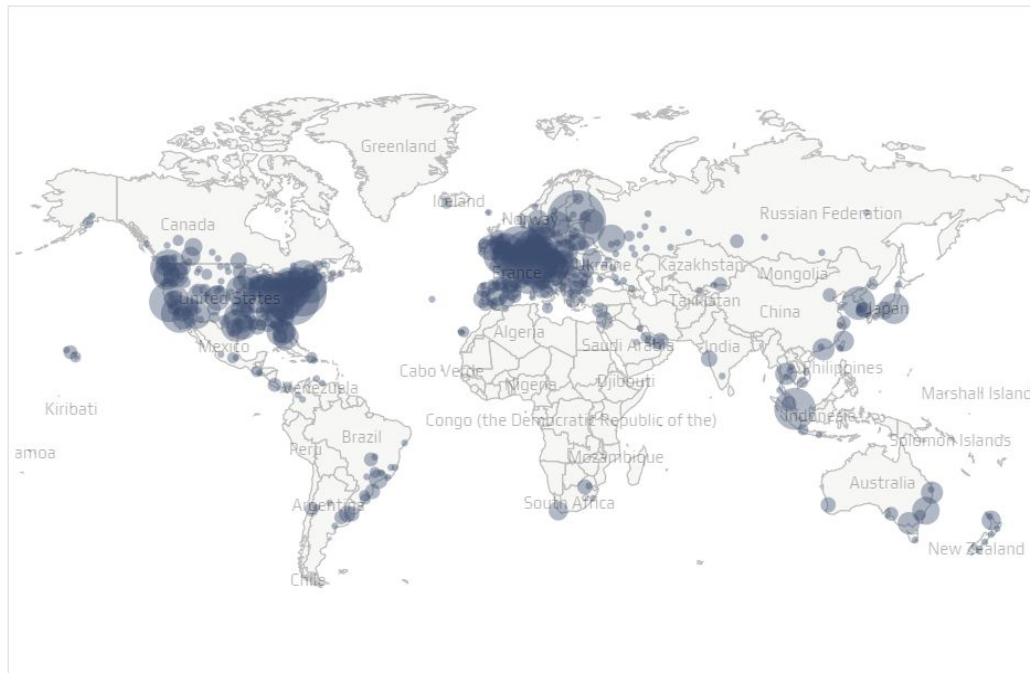
20383 NODES

CHARTS

IPv4: -0.1% / IPv6: -2.2% / .onion: +6.7%

Top 10 countries with their respective number of reachable nodes are as follows.

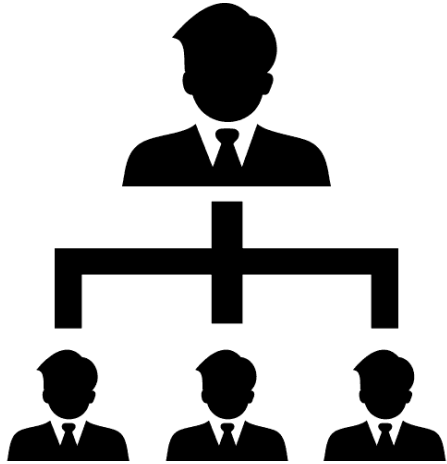
RANK	COUNTRY	NODES
1	n/a	13366 (65.57%)
2	United States	1983 (9.73%)
3	Germany	1243 (6.10%)
4	France	501 (2.46%)
5	Finland	367 (1.80%)
6	Netherlands	332 (1.63%)
7	Canada	303 (1.49%)
8	United Kingdom	225 (1.10%)
9	Switzerland	174 (0.85%)



Map shows concentration of reachable Bitcoin nodes found in countries around the world.

LIVE MAP





**Governos, empresas,
bancos, startups cripto**

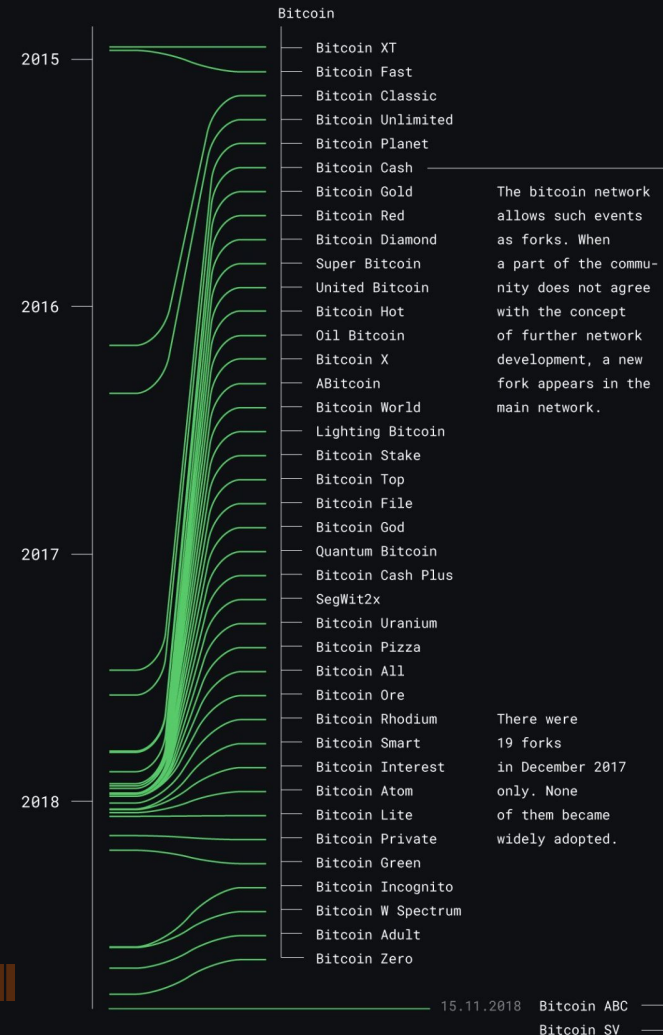


- **sem fundador**
- **sem Ceo**
- **sem Foundation**
- **sem data center**
- **sem equipe de marketing**
- **sem censura**
- **sem VC**
- **sem ICO**
- **sem investidor inicial**
- **sem pré-mineração**

MAPA DE FORKS DO BITCOIN



Bitcoin4all

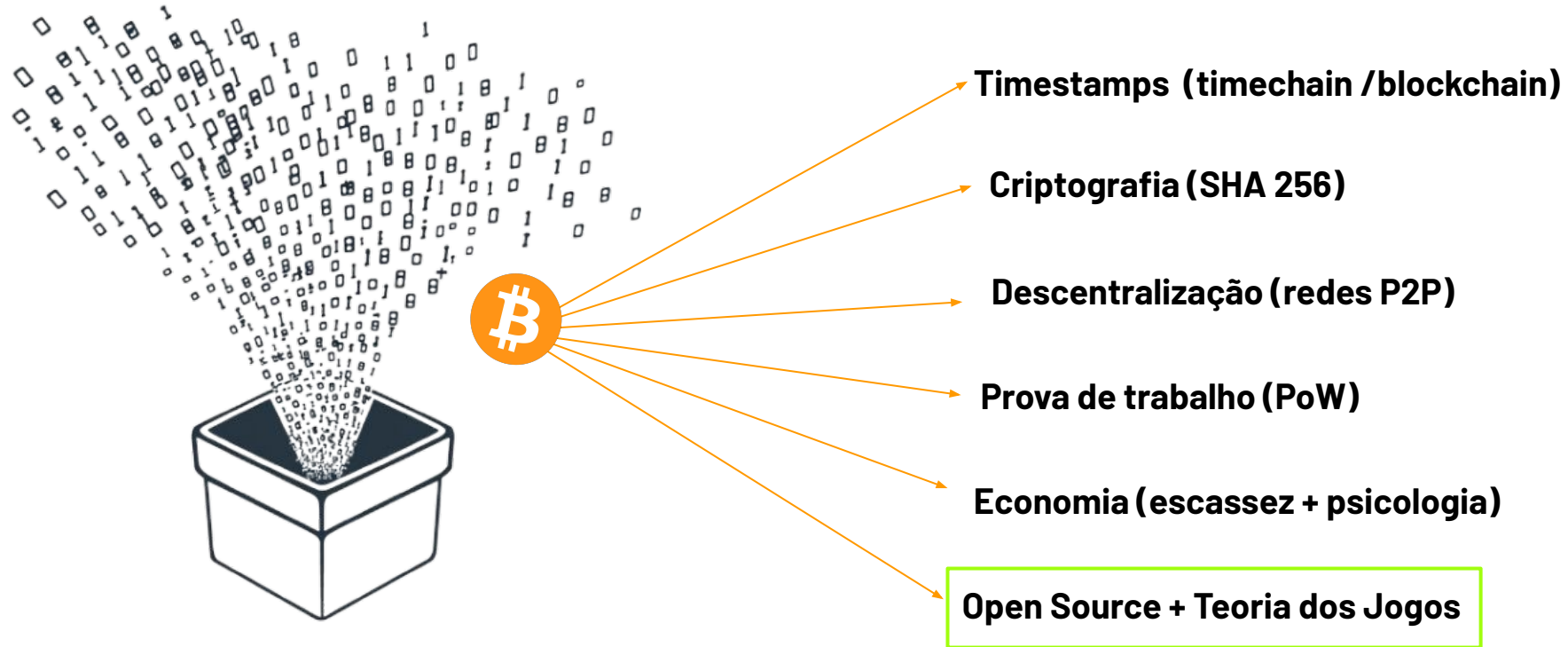


“muita gente automaticamente descarta moedas digitais porque muitas empresas falharam desde os anos 90. Eu espero que fique óbvio que o motivo era a natureza centralizada que controlava esses sistemas que causou esse fracasso”.

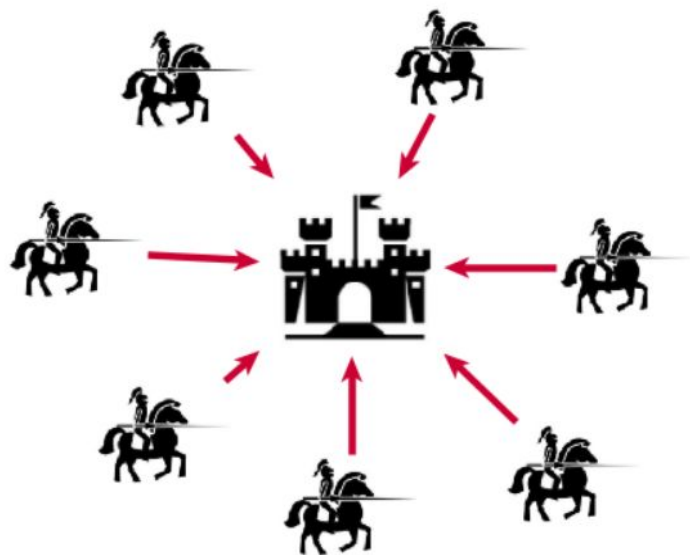
Satoshi Nakamoto | 15 de fevereiro de 2009



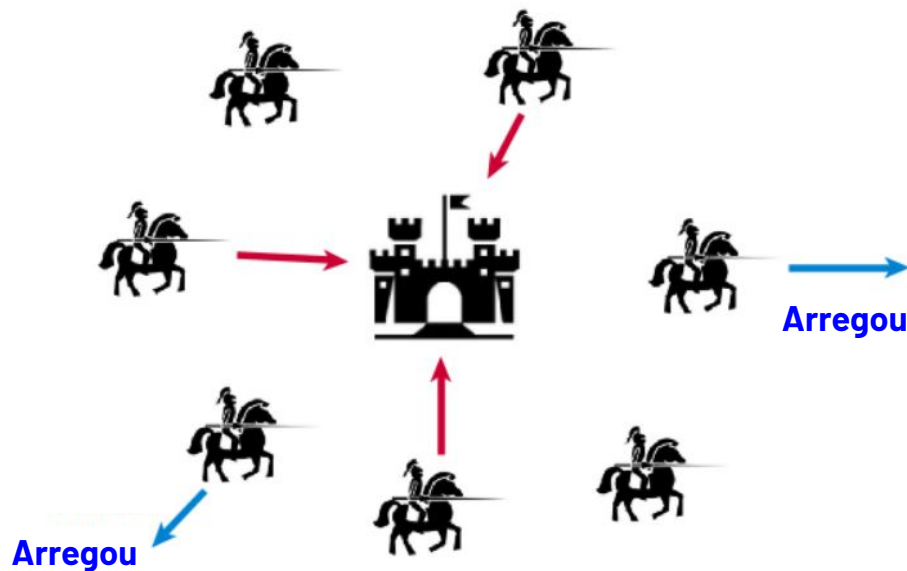
UNIÃO DE TECNOLOGIAS E CONCEITOS



PROBLEMA DOS GENERAIS BIZANTINOS

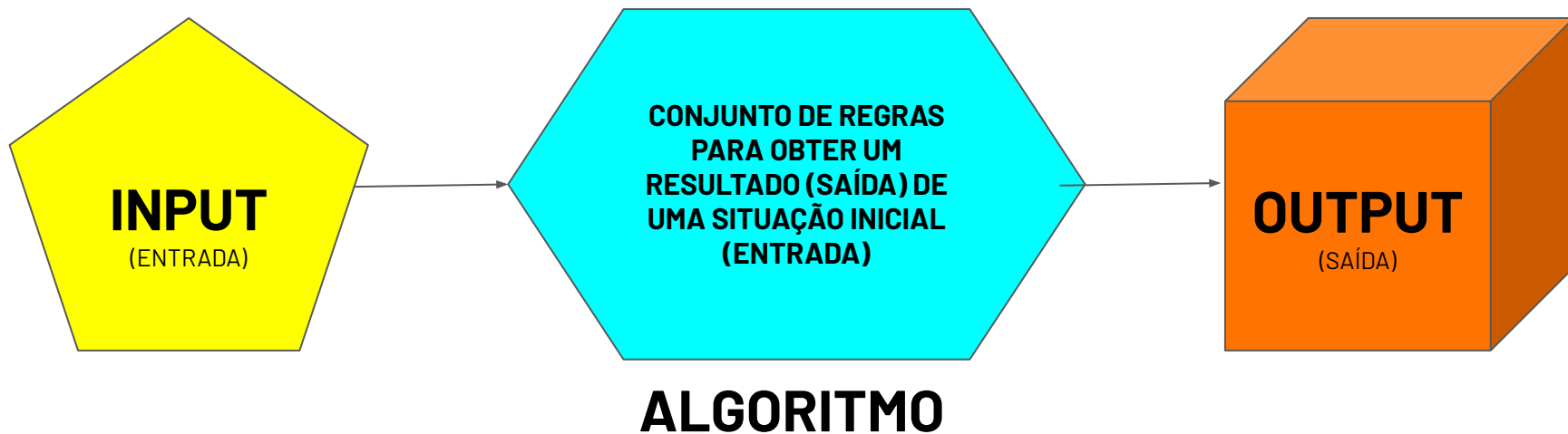


**Ataques coordenados
levam à vitória 🏆**

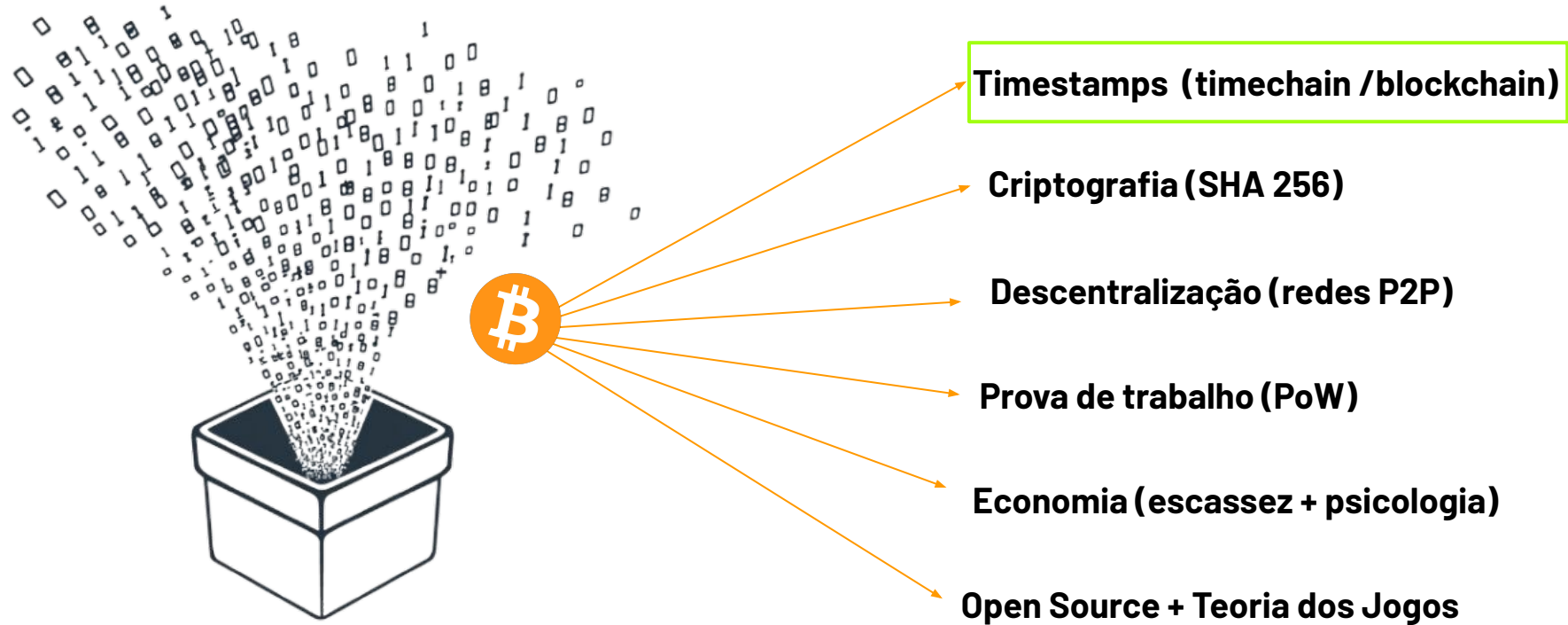


**Ataques descoordenados
levam à derrota 💀**

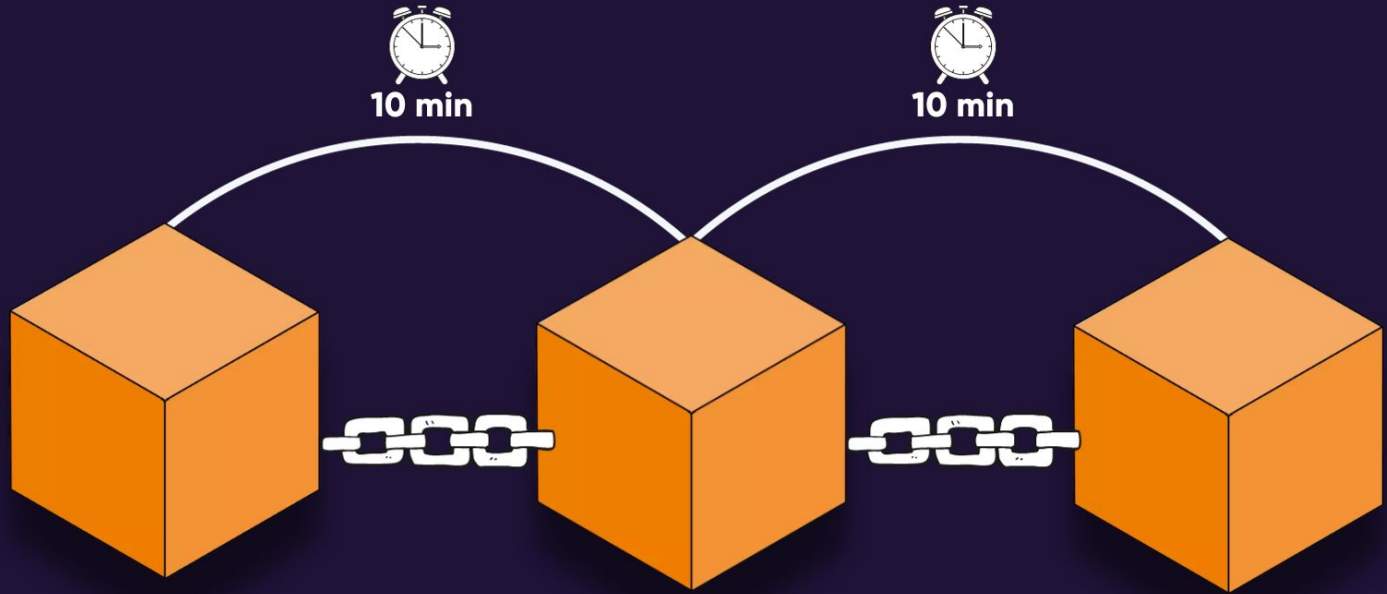
MECANISMOS DE CONSENSO



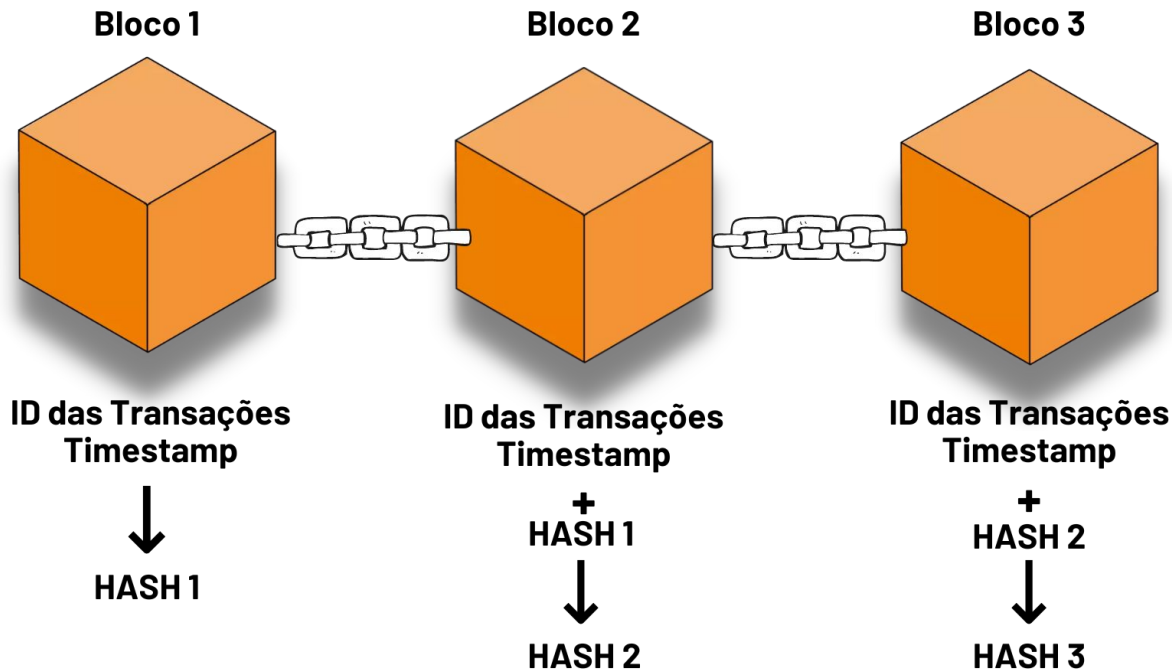
UNIÃO DE TECNOLOGIAS E CONCEITOS



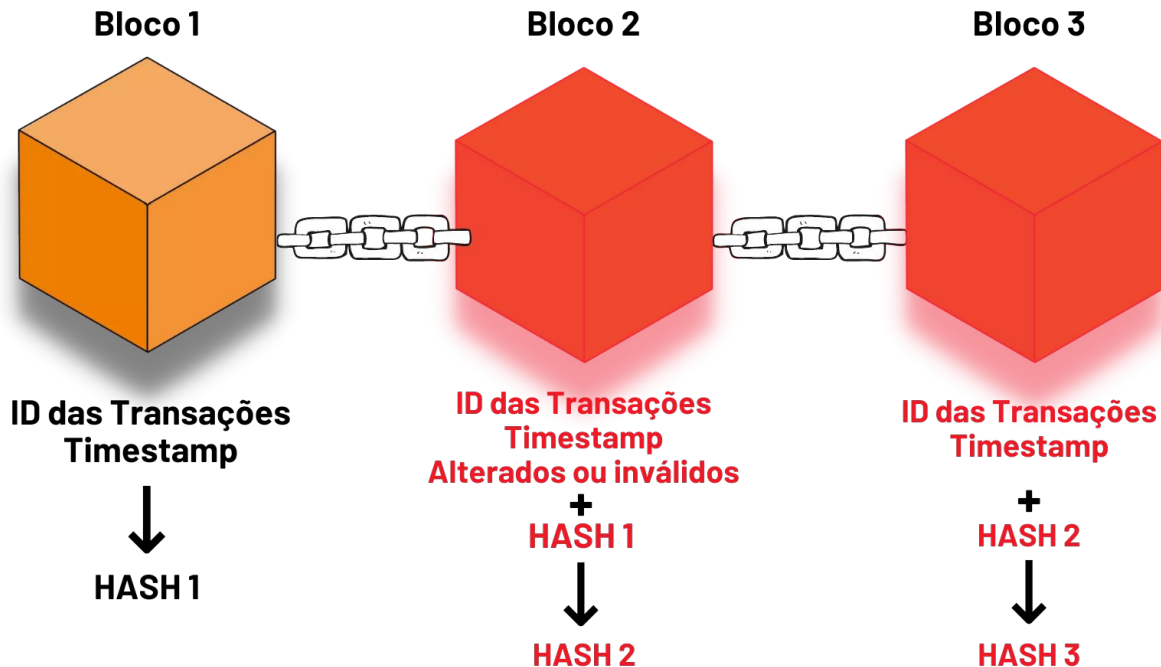
Tic Toc Next Block



QUALQUER MUDANÇA AFETA O TODO



QUALQUER MUDANÇA AFETA O TODO



**SOFT
FORK**



VS

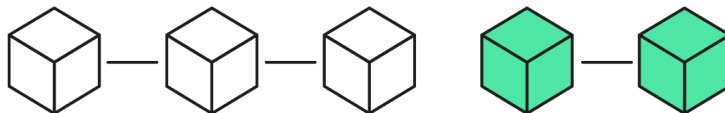
**HARD
FORK**



Bitcoin4all

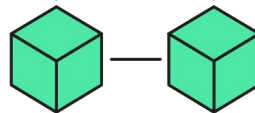
SOFT FORK vs HARD FORK

CADEIA ORIGINAL
(REGRAS ANTIGAS)

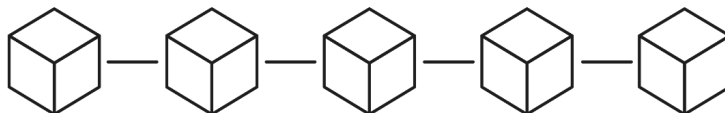


CADEIA FORKADA
(REGRAS NOVAS)

SOFT FORK



CADEIA ORIGINAL
(REGRAS ANTIGAS)



CADEIA FORKADA
(REGRAS NOVAS)

HARD FORK

