DEMYSTIFYING DEFi

Goals

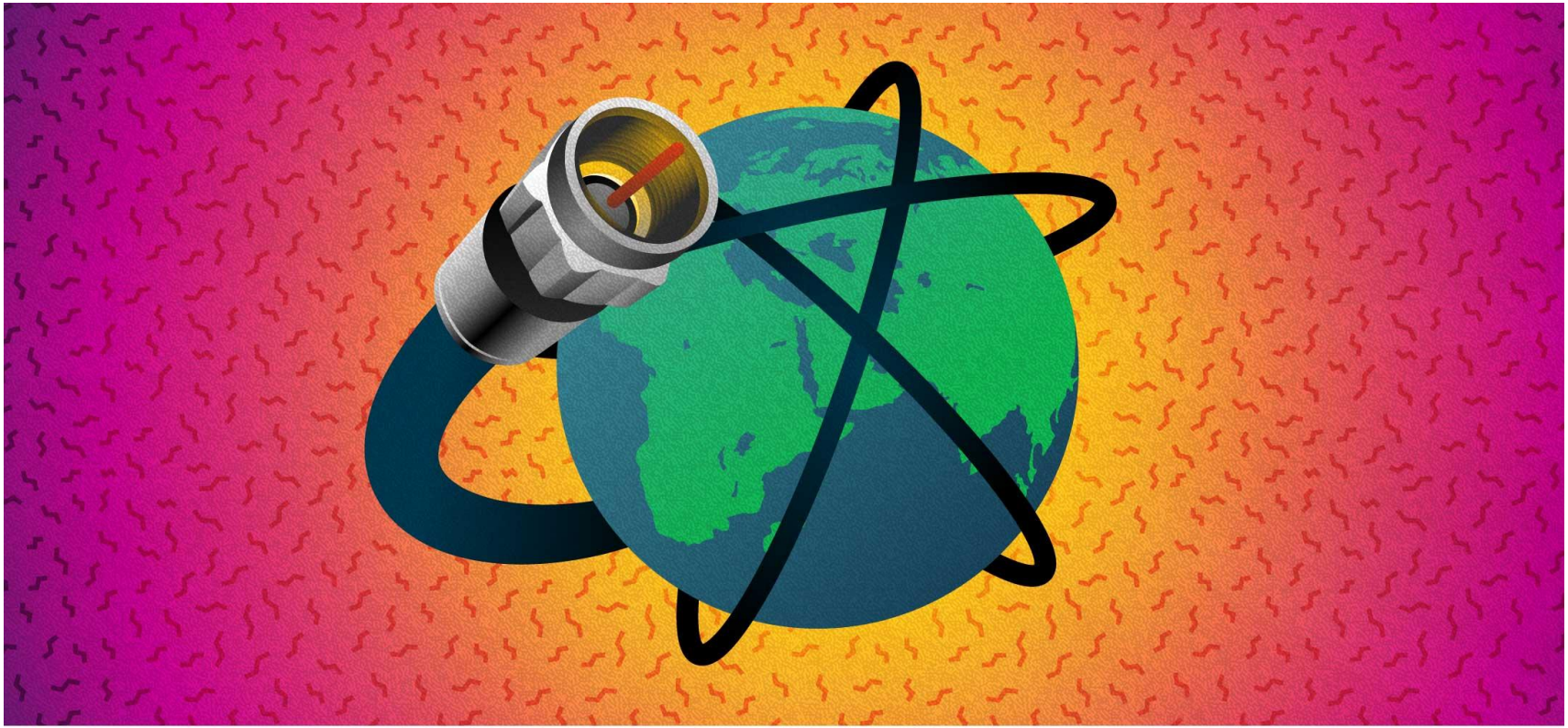
- The road from Bitcoin to Ethereum to DeFi
- How traditional financial applications are being decentralized
- The values of the DeFi ecosystem: Openness, Modularity, Decentralization
- The new financial applications building upon blockchain technology
- How to navigate the DeFi ecosystem using various tools

Welcome to DeFi

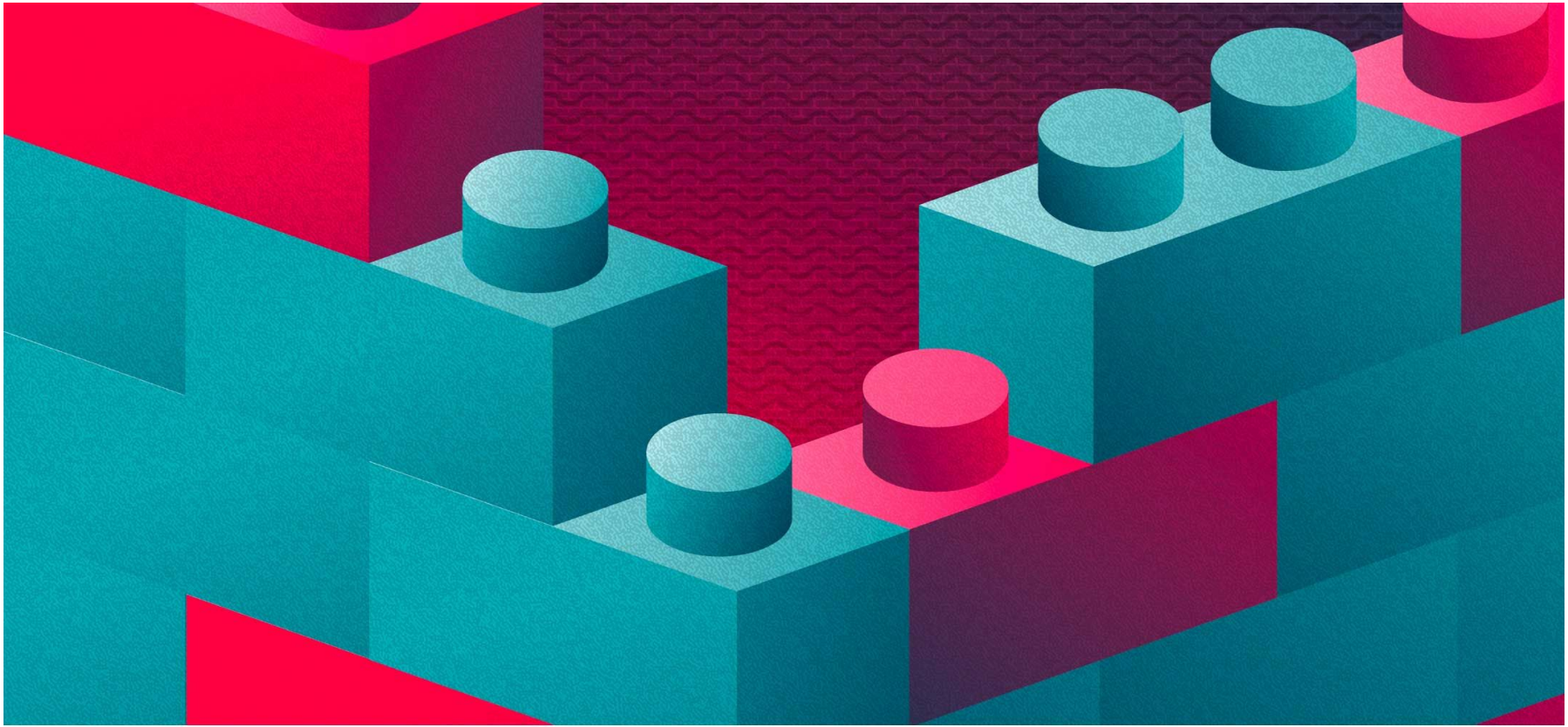
Properties of DeFi

- Open
- Modular
- Decentralized
- Independent

Openness



Modular

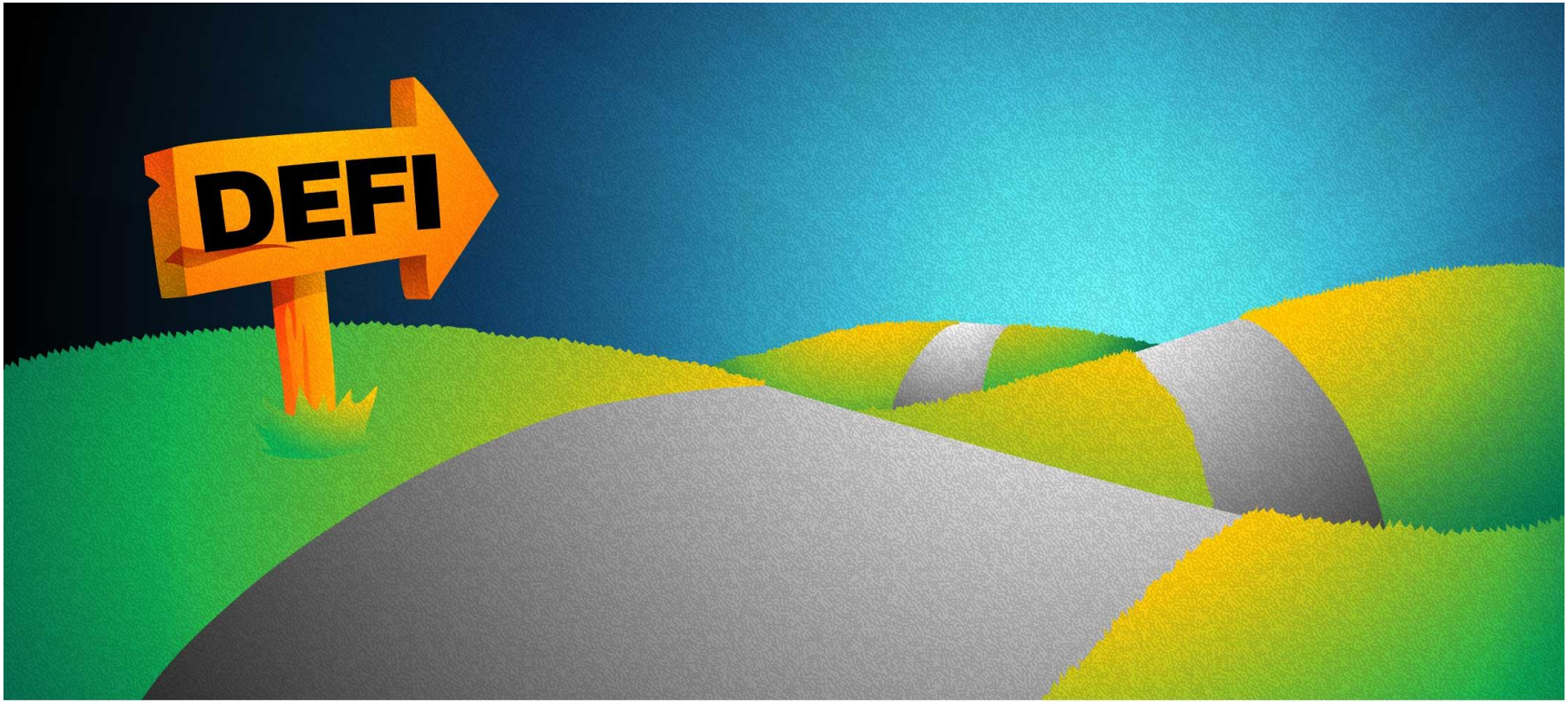


Decentralized

Banks Bailed Out

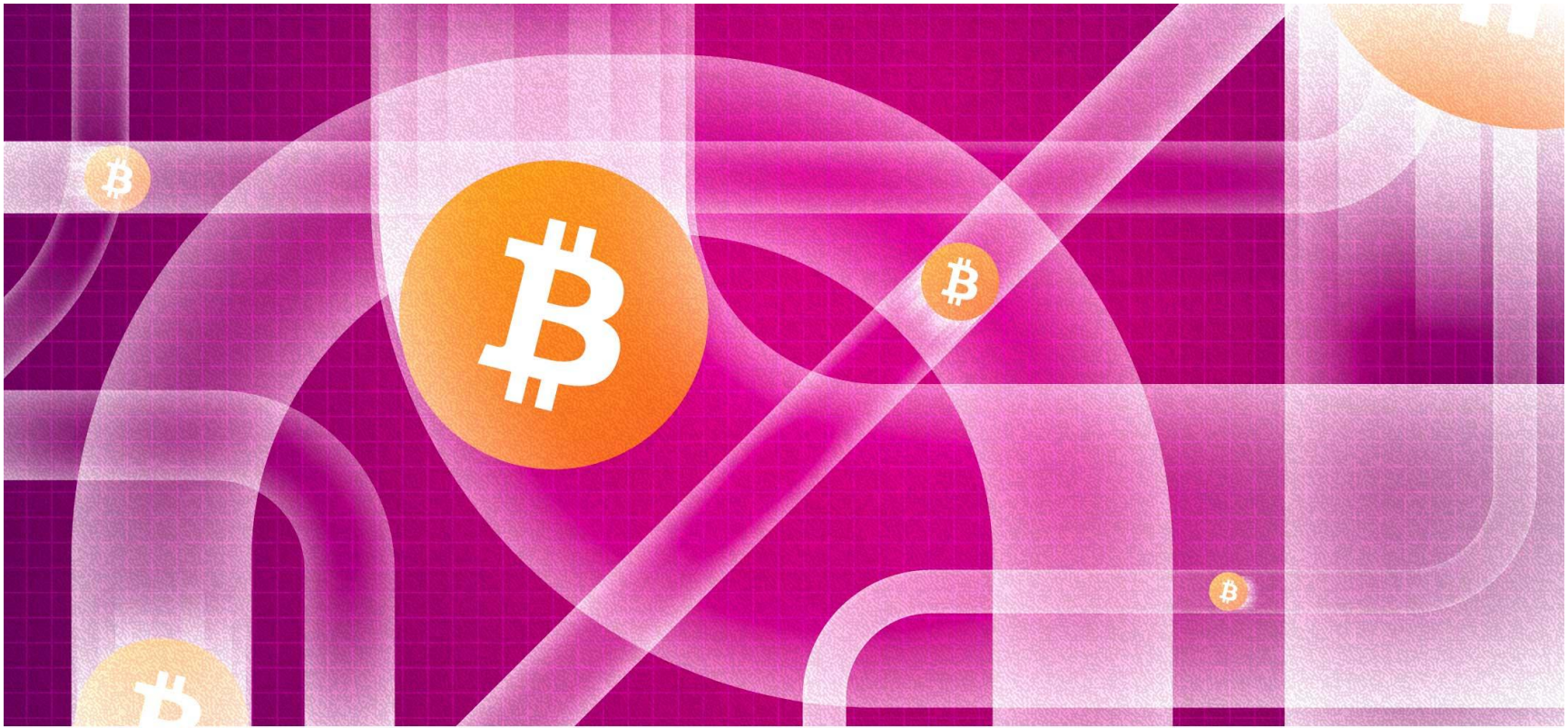
You Can be the Bank

Getting to DeFi



The Limitations of Bitcoin

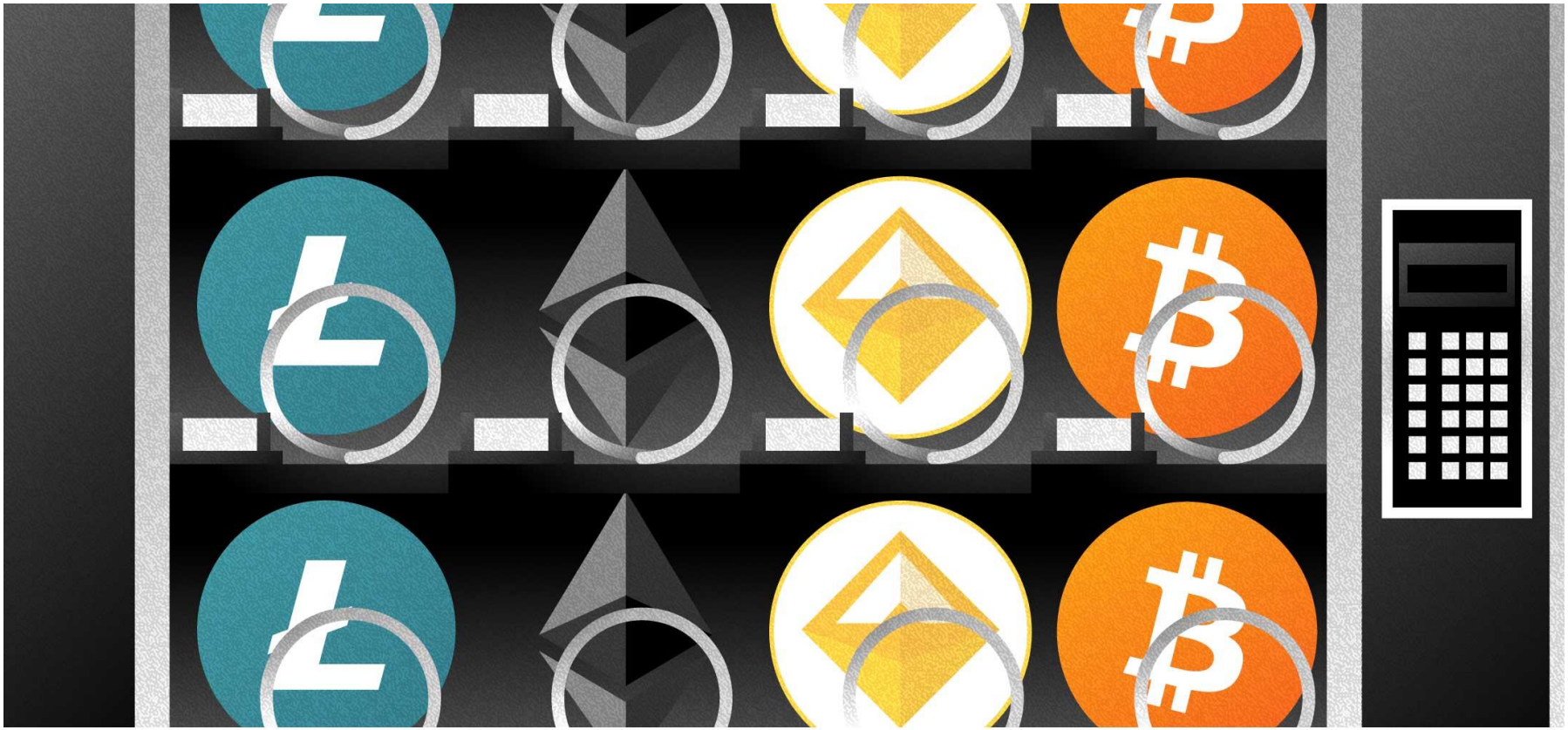
Bitcoin’s Purpose



Bitcoin’s Purpose (cont.)

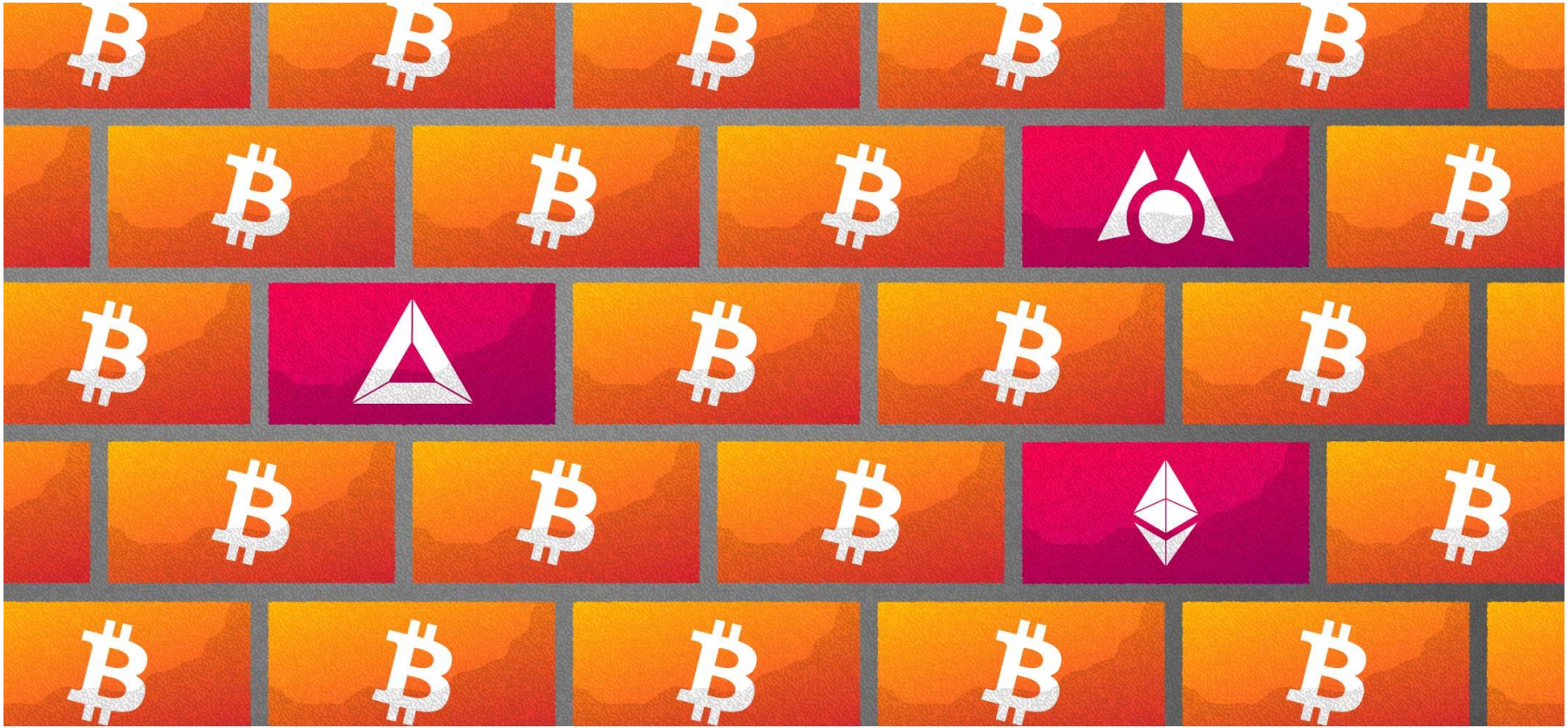
Smart Contracts Introduced

What are Smart Contracts?

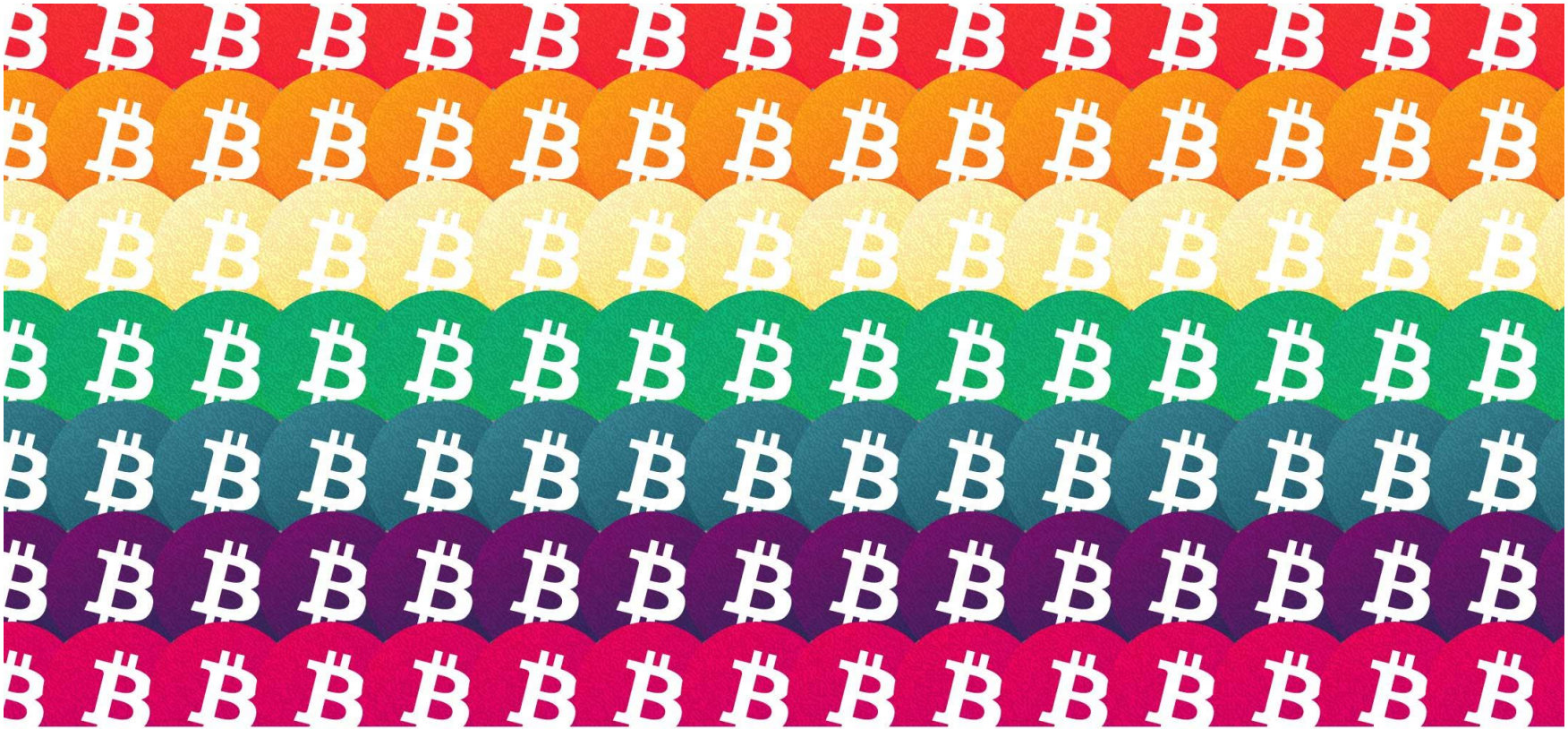


Technological Limitations

Altcoins attempt to address Bitcoin's deficiencies



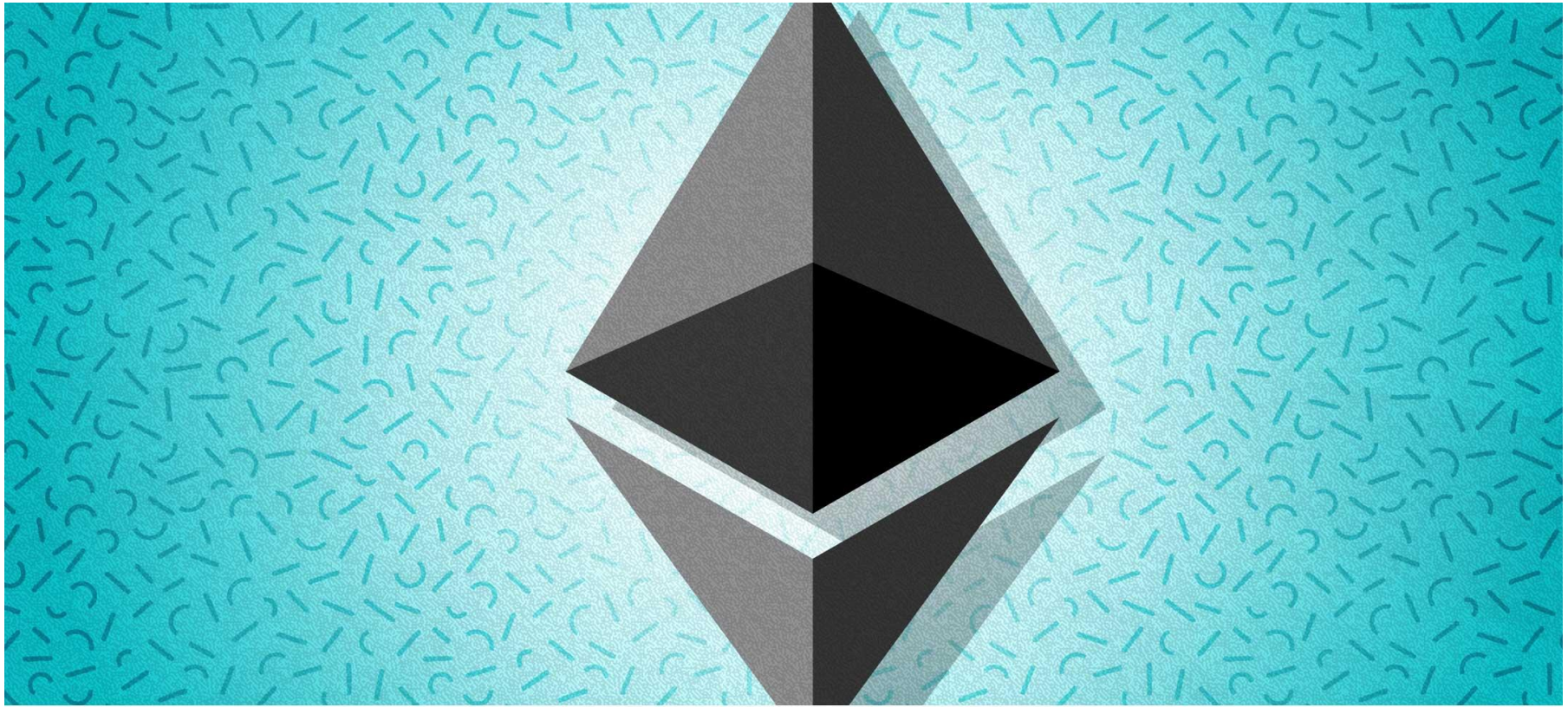
Colored Coins



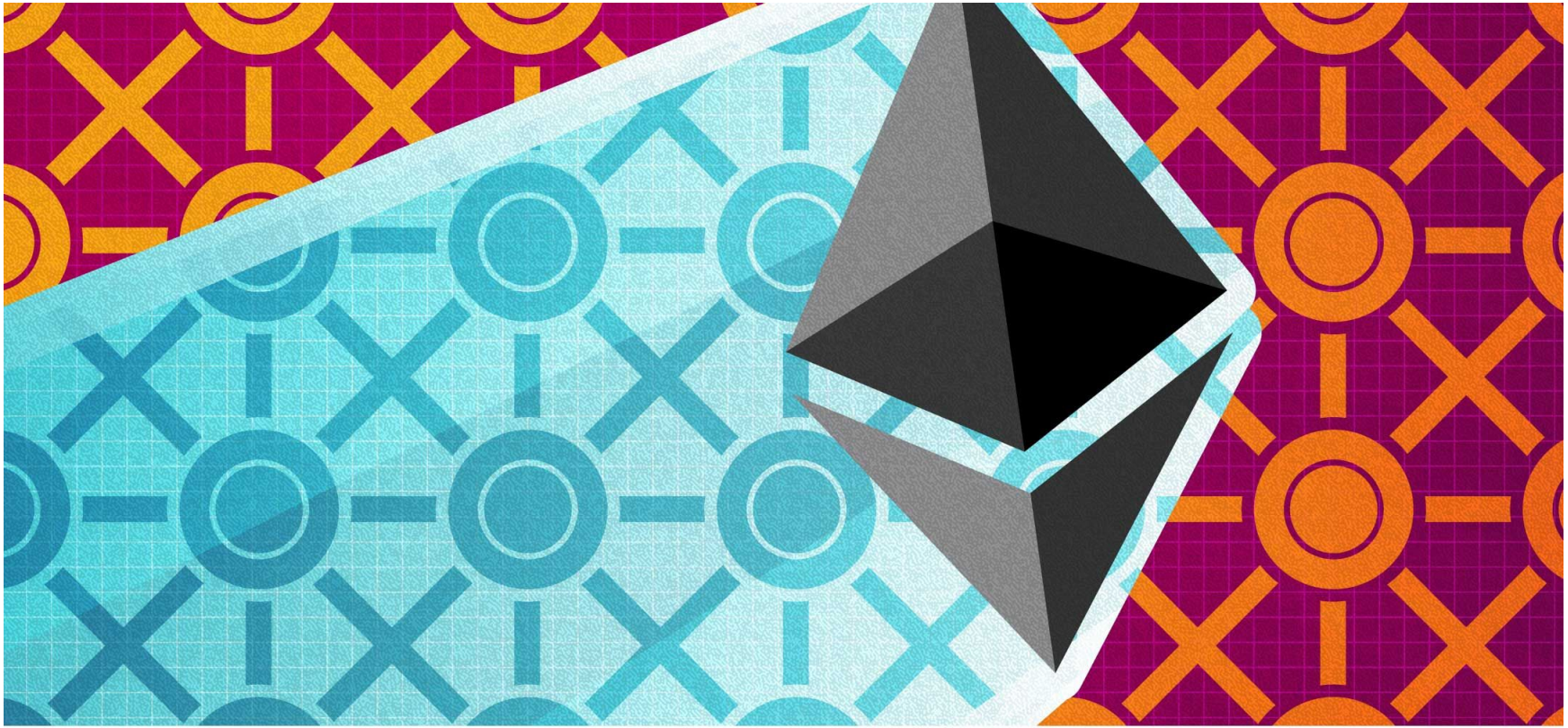
Mastercoin

BAT and Brave

ethereum

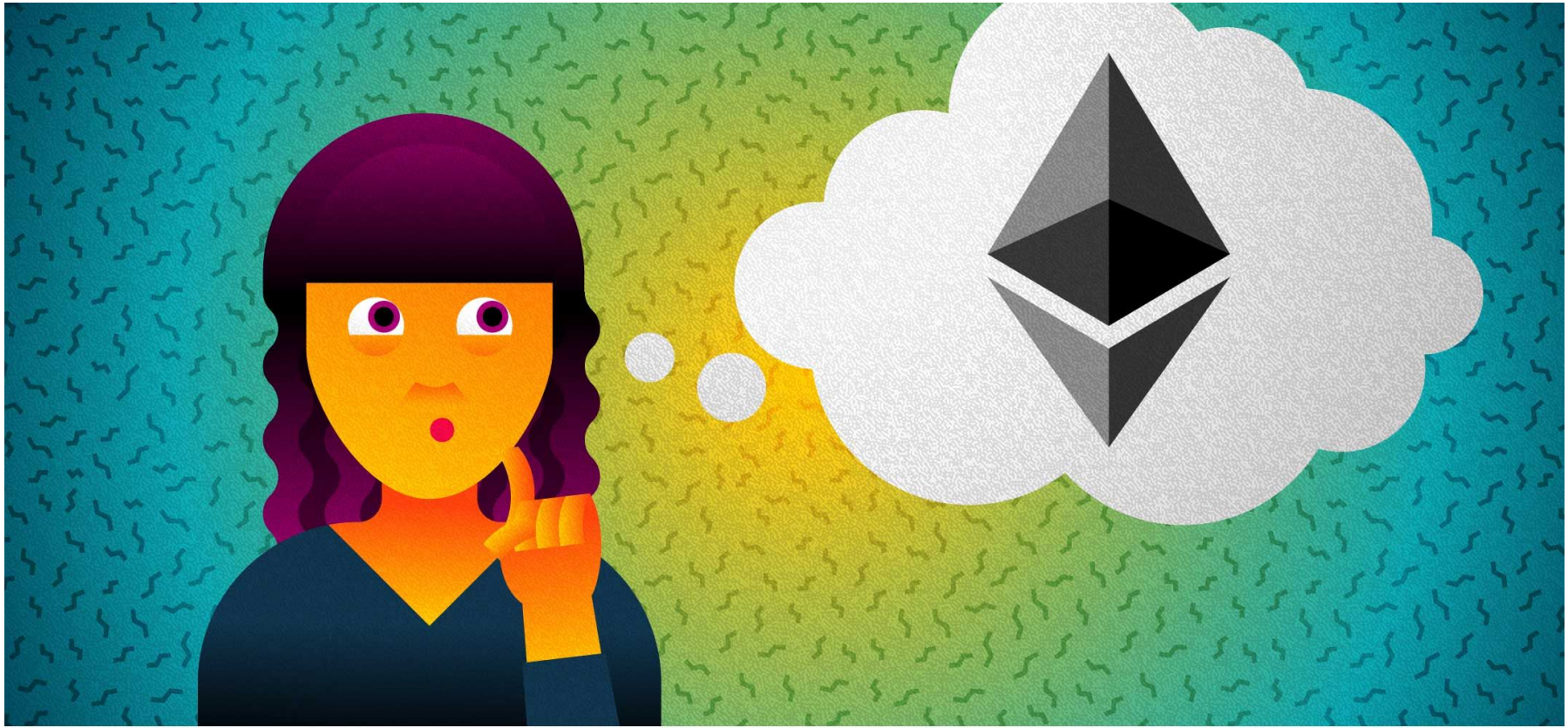


Ethereum: A New Paradigm



Motivations for Creating Ethereum

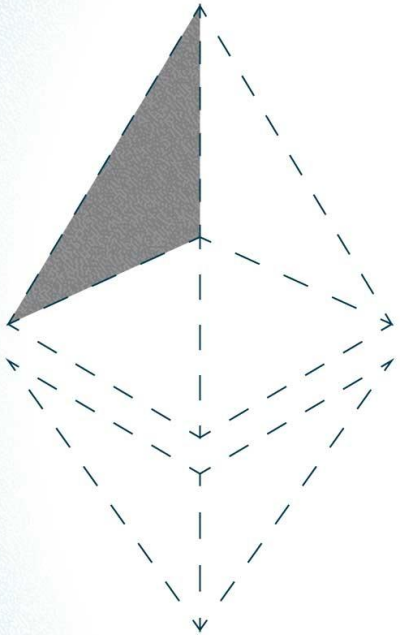
What is ethereum?

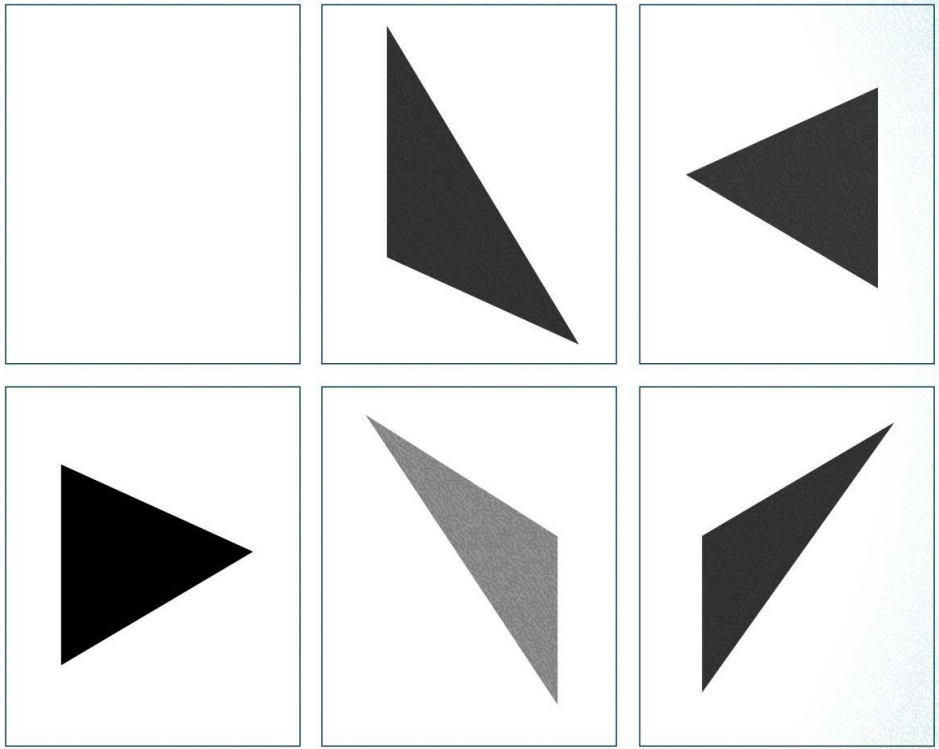


weteachblockchain.org

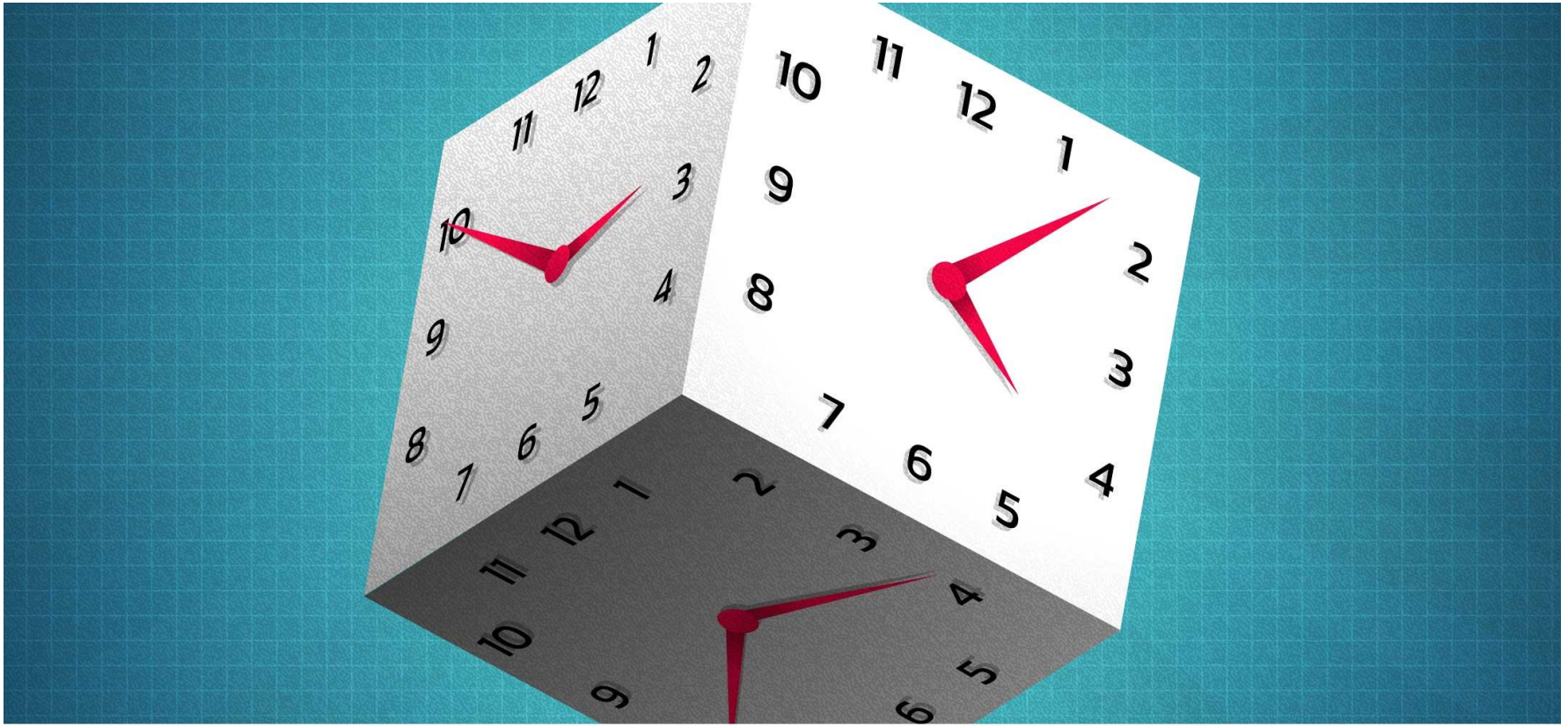
EVM

EVM (cont.)

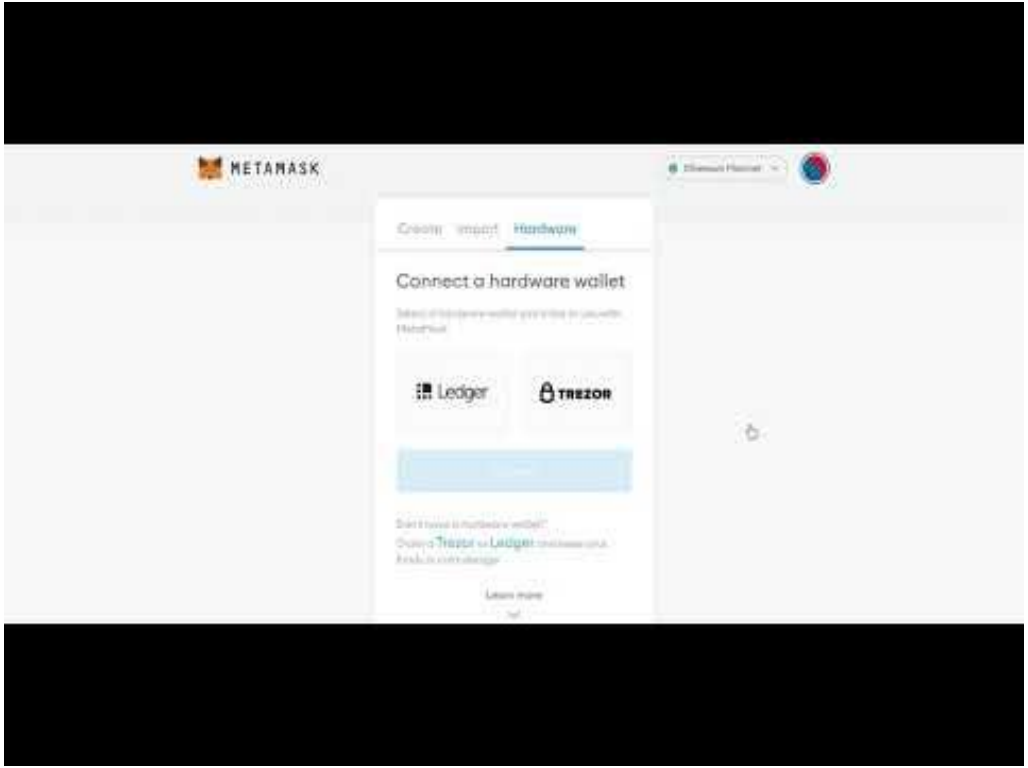




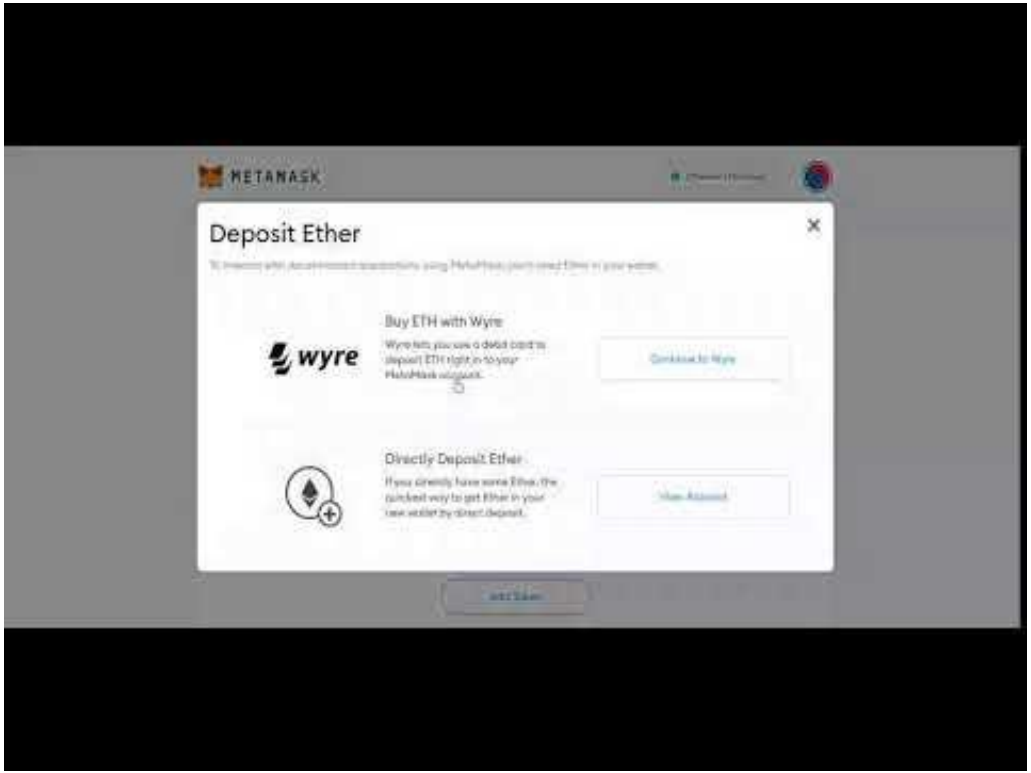
Block Time Decreased



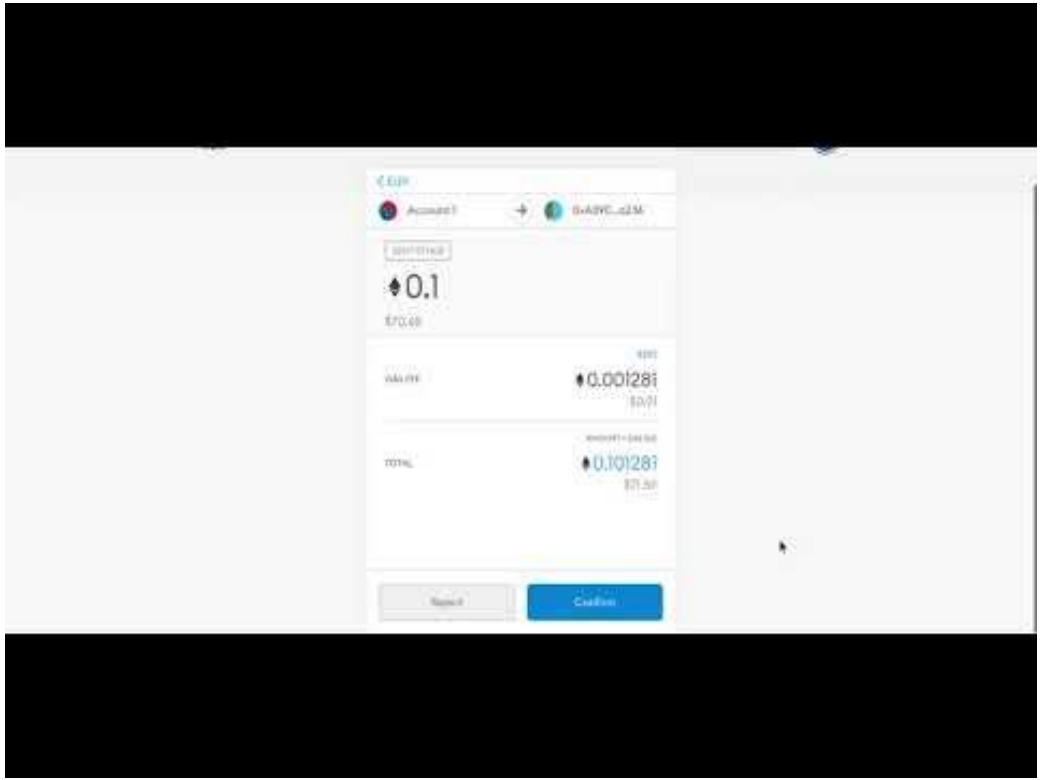
Ethereum and MetaMask



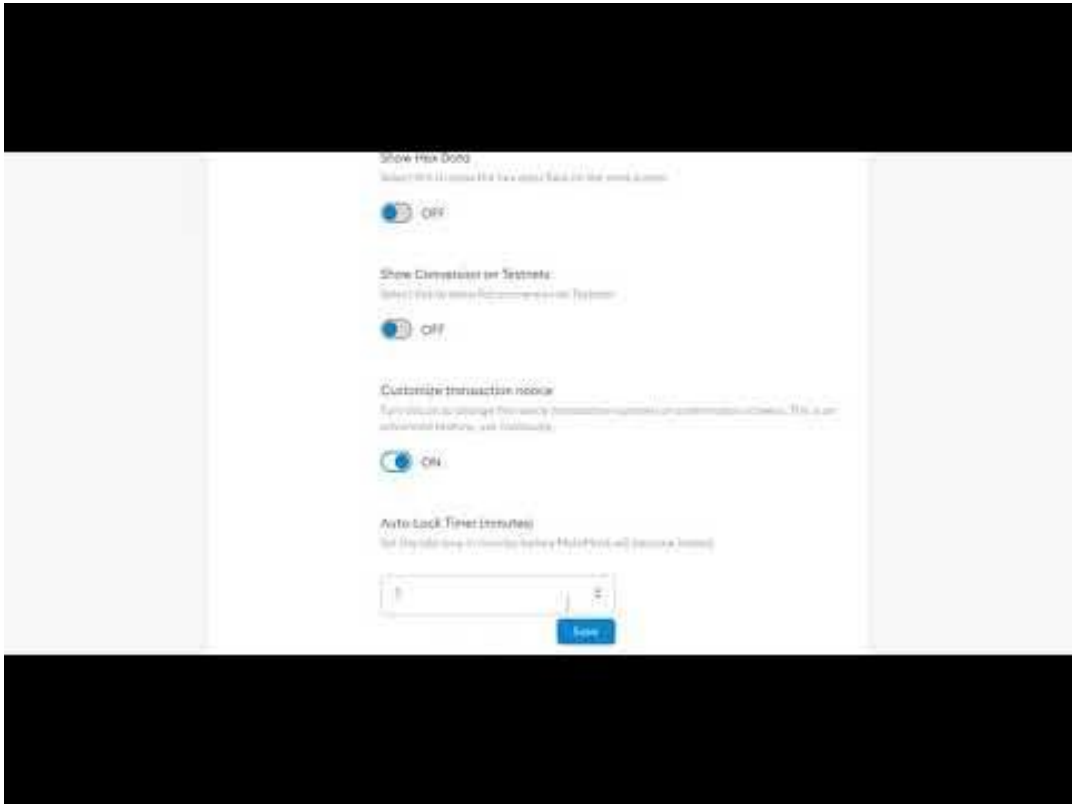
Adding ether to MetaMask



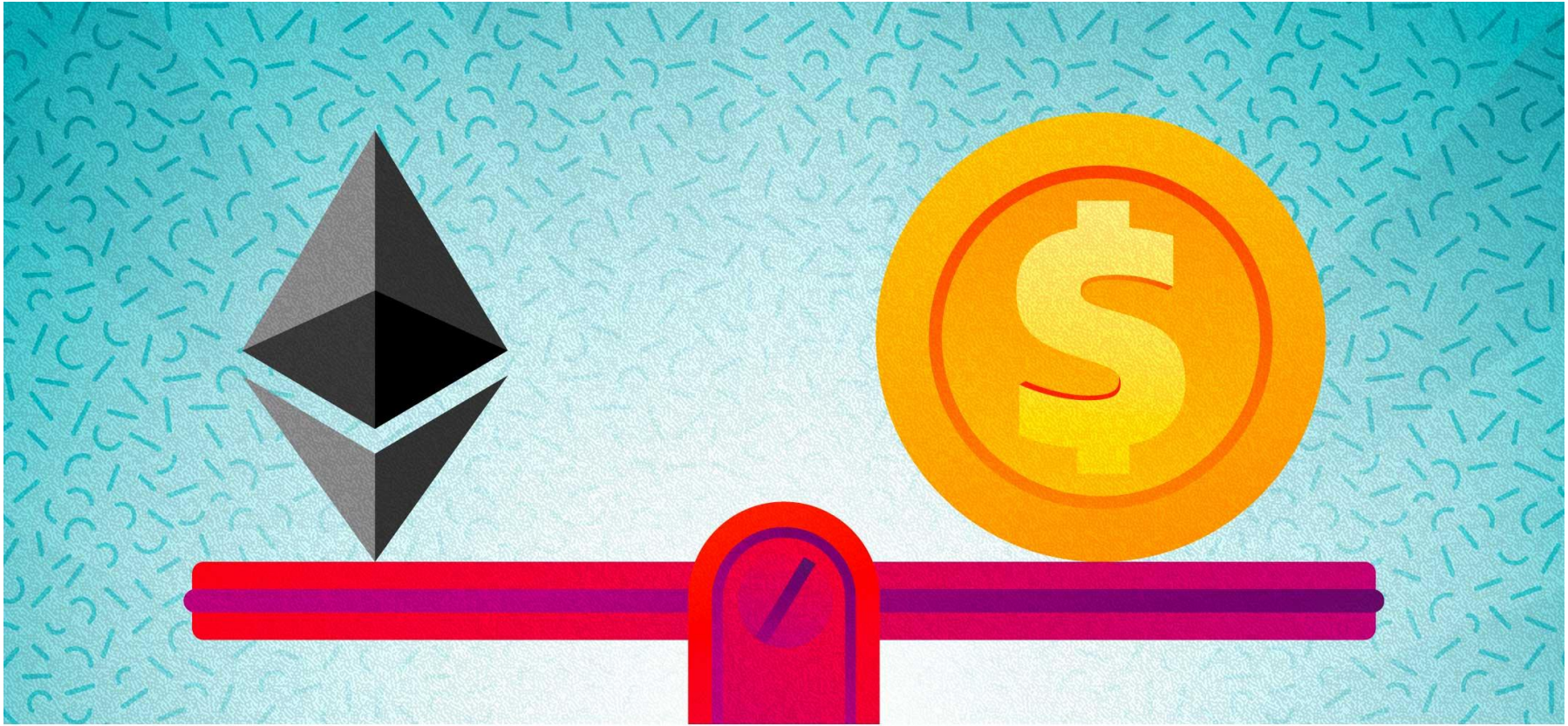
Transactions with ethereum



Troubleshooting Stuck Transactions

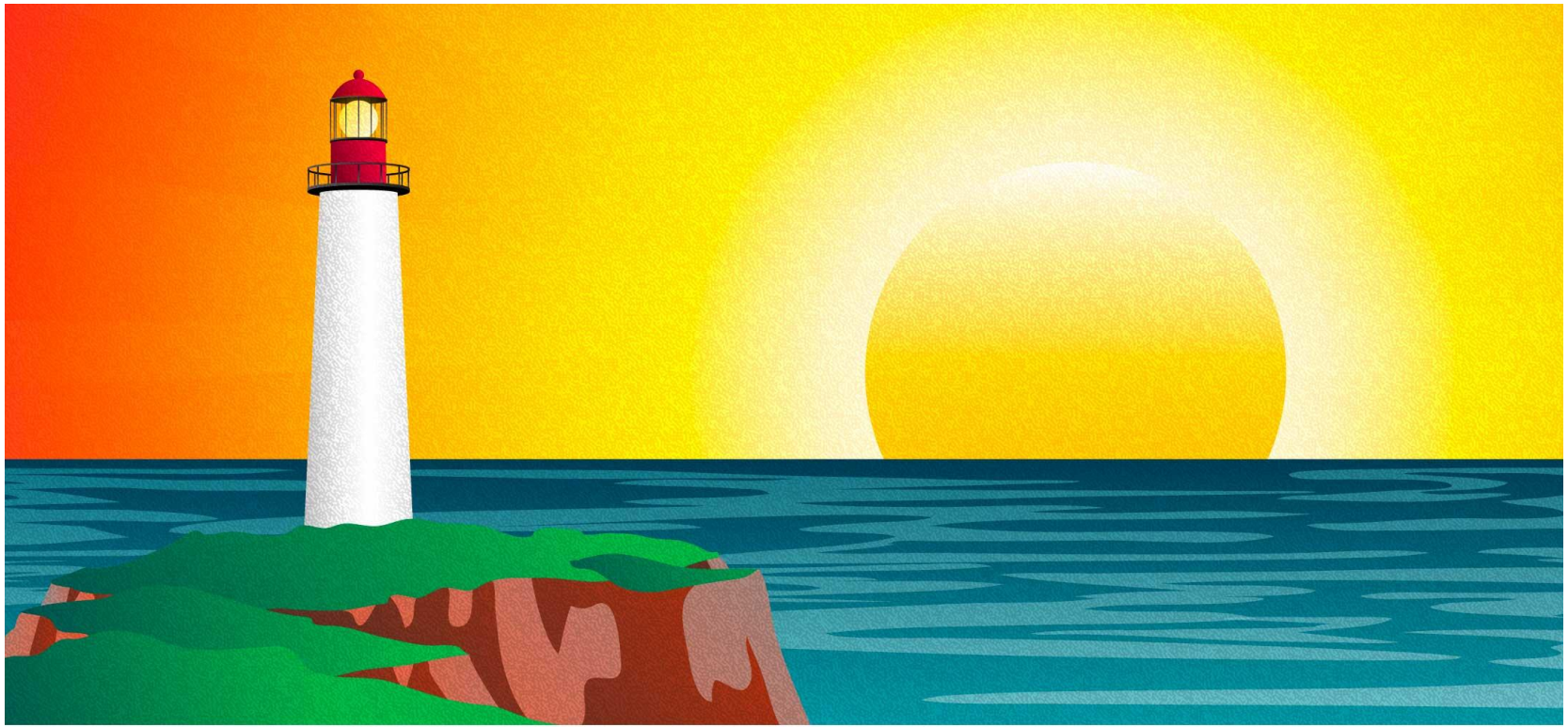


ethereum and DeFi

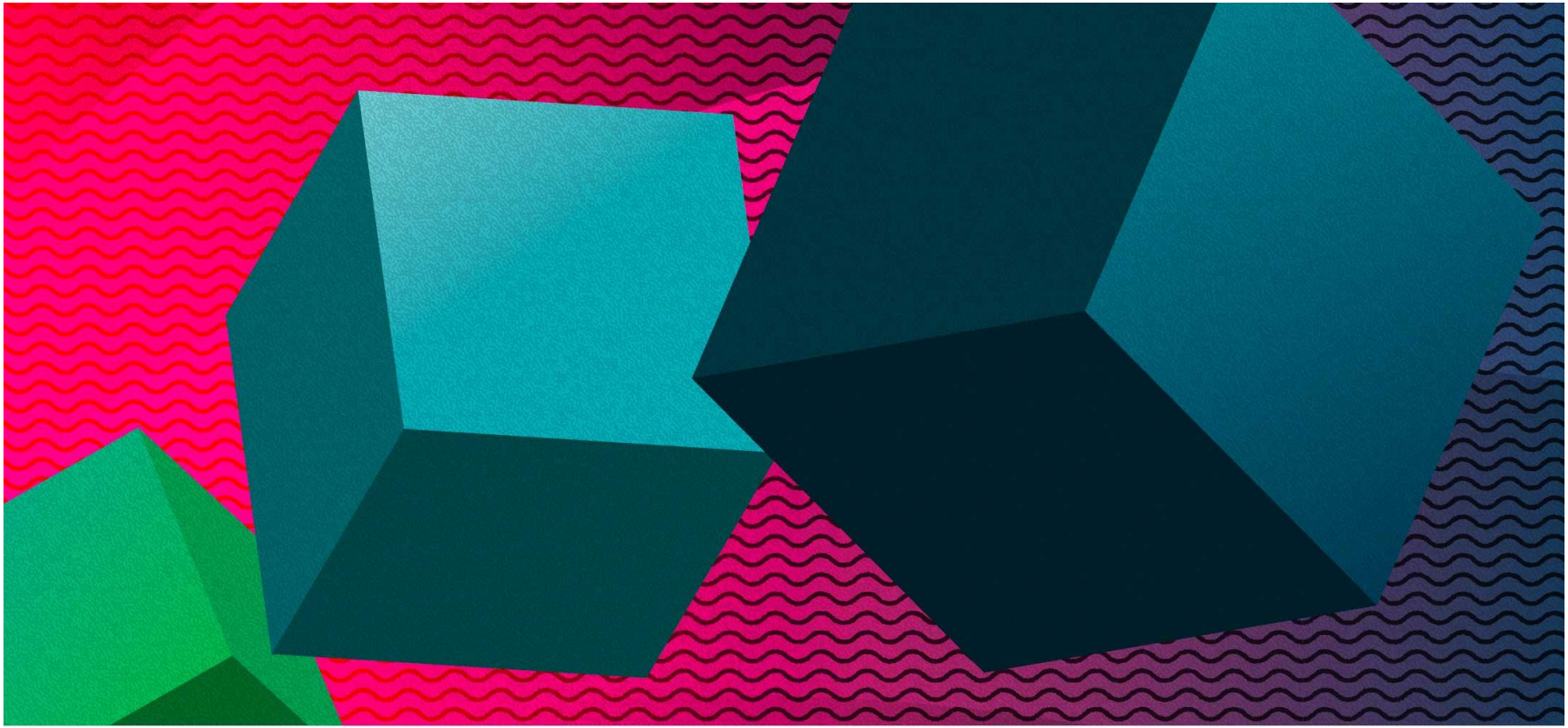


Early dApps

The Lighthouse Crowdfunding Issue



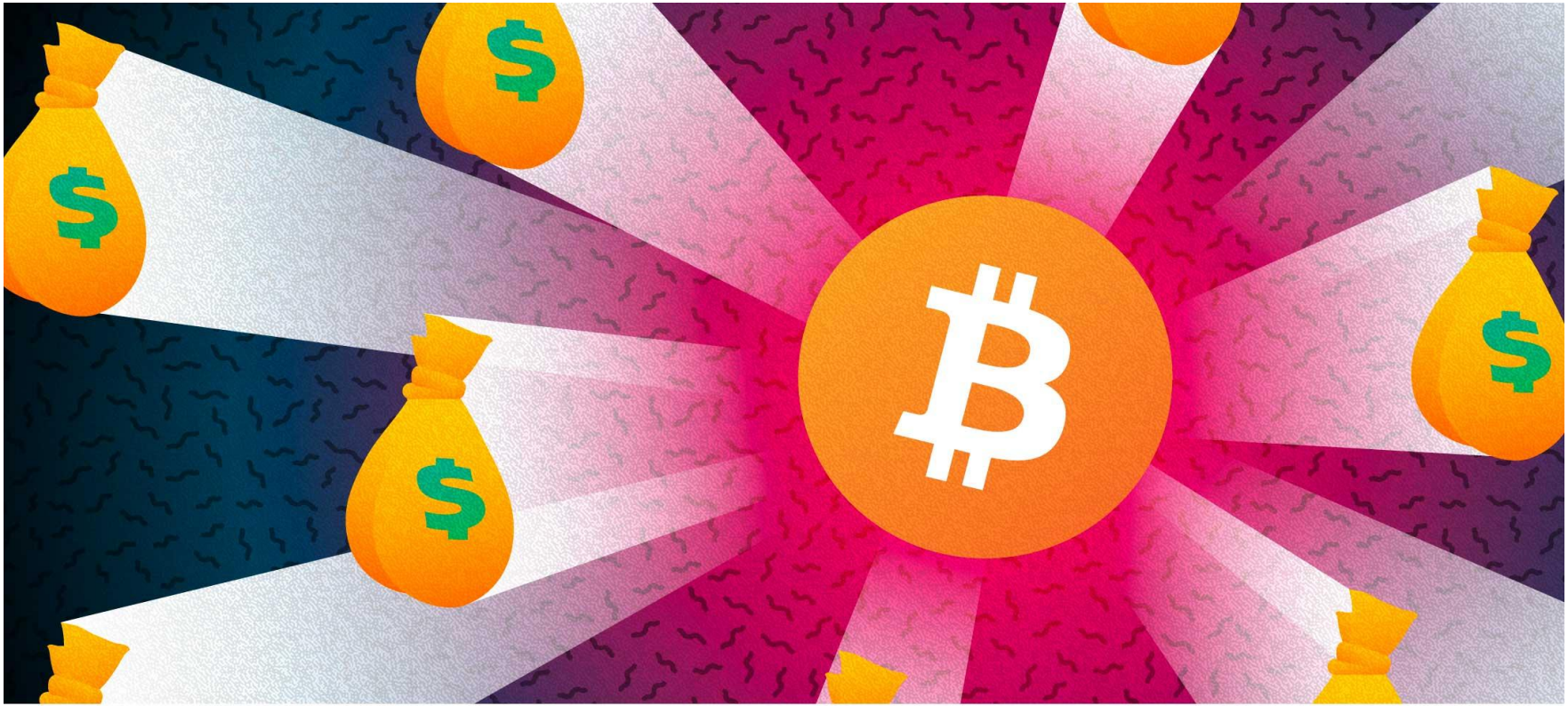
ethereum and Crowdfunding



Cryptocurrency

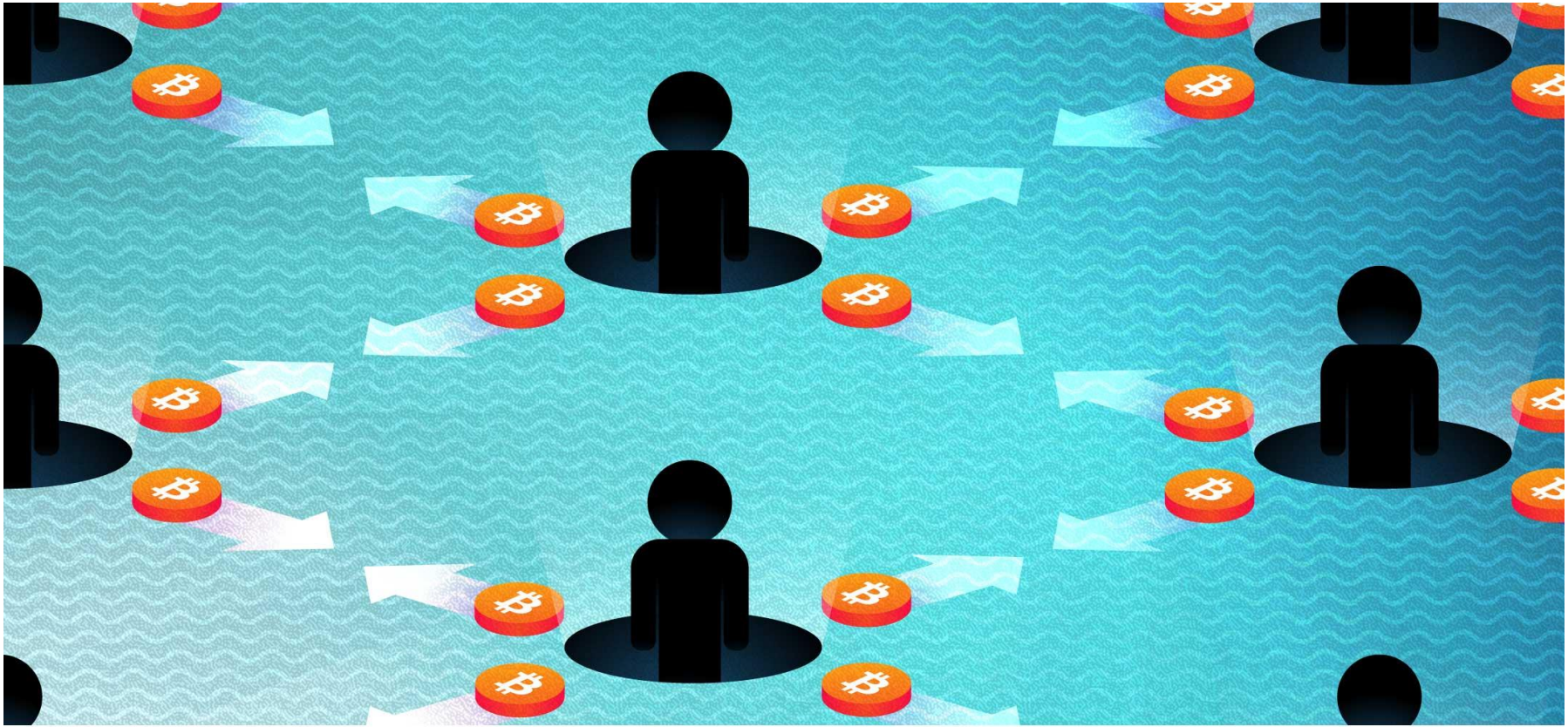
NFTs and Colored Coins, and ERC-721

ICOs



Stablecoins: From Tether to DAI

Decentralized Exchanges



Stablecoins and DeFi

What are Stablecoins

Volatility and Cryptocurrency Markets

Why Stablecoins?

Stablecoins, Markets, and Financial Services

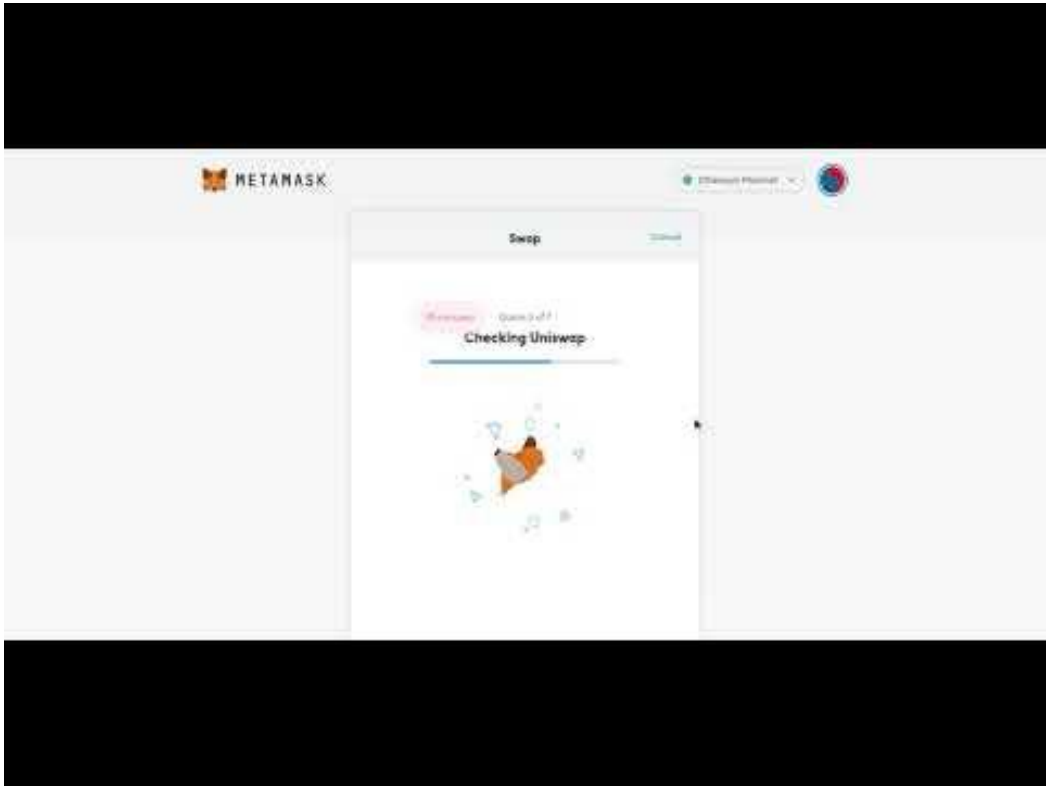
Different Types of Stablecoins

Currency Backed

Asset Backed

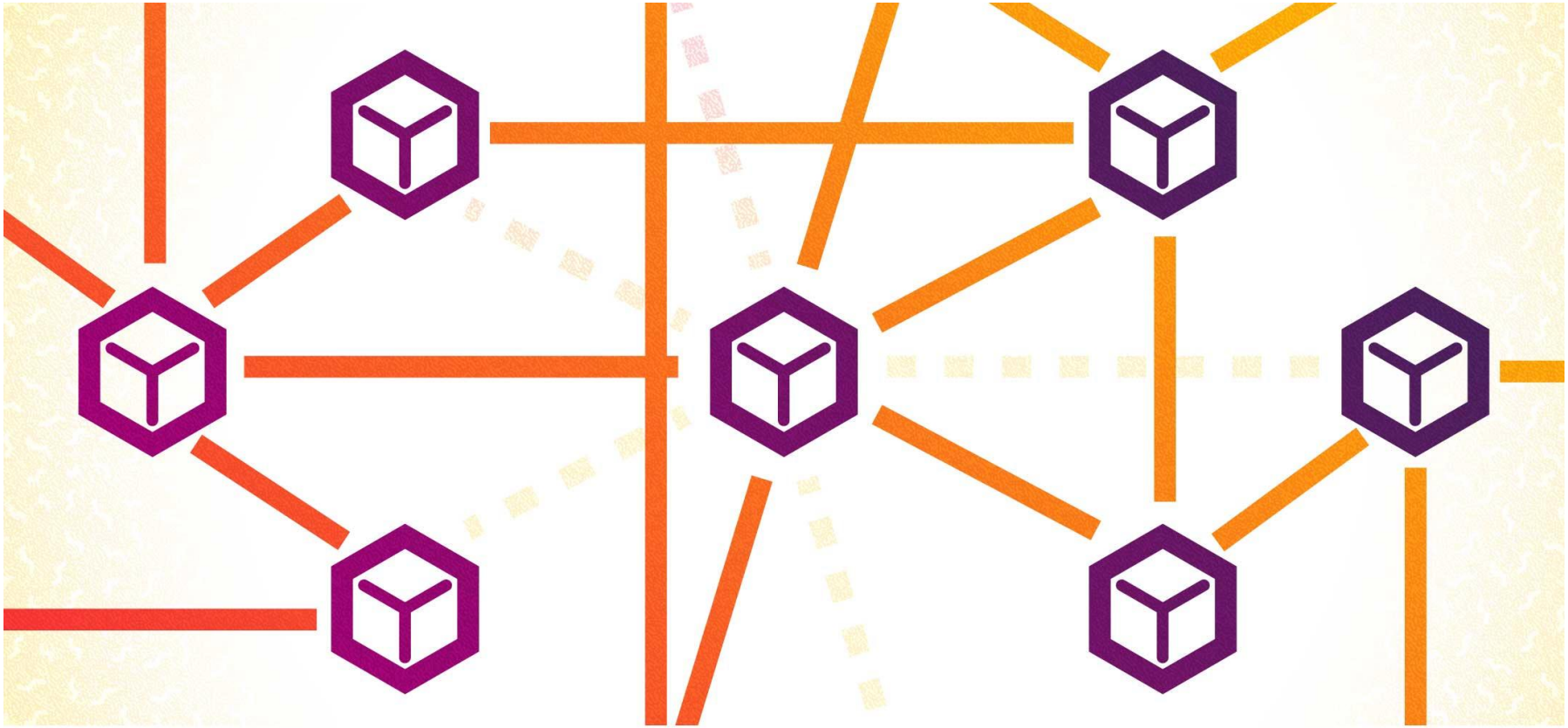
Leveraged by Cryptocurrency

Converting Eth to Dai



Properties of DeFi

Decentralized

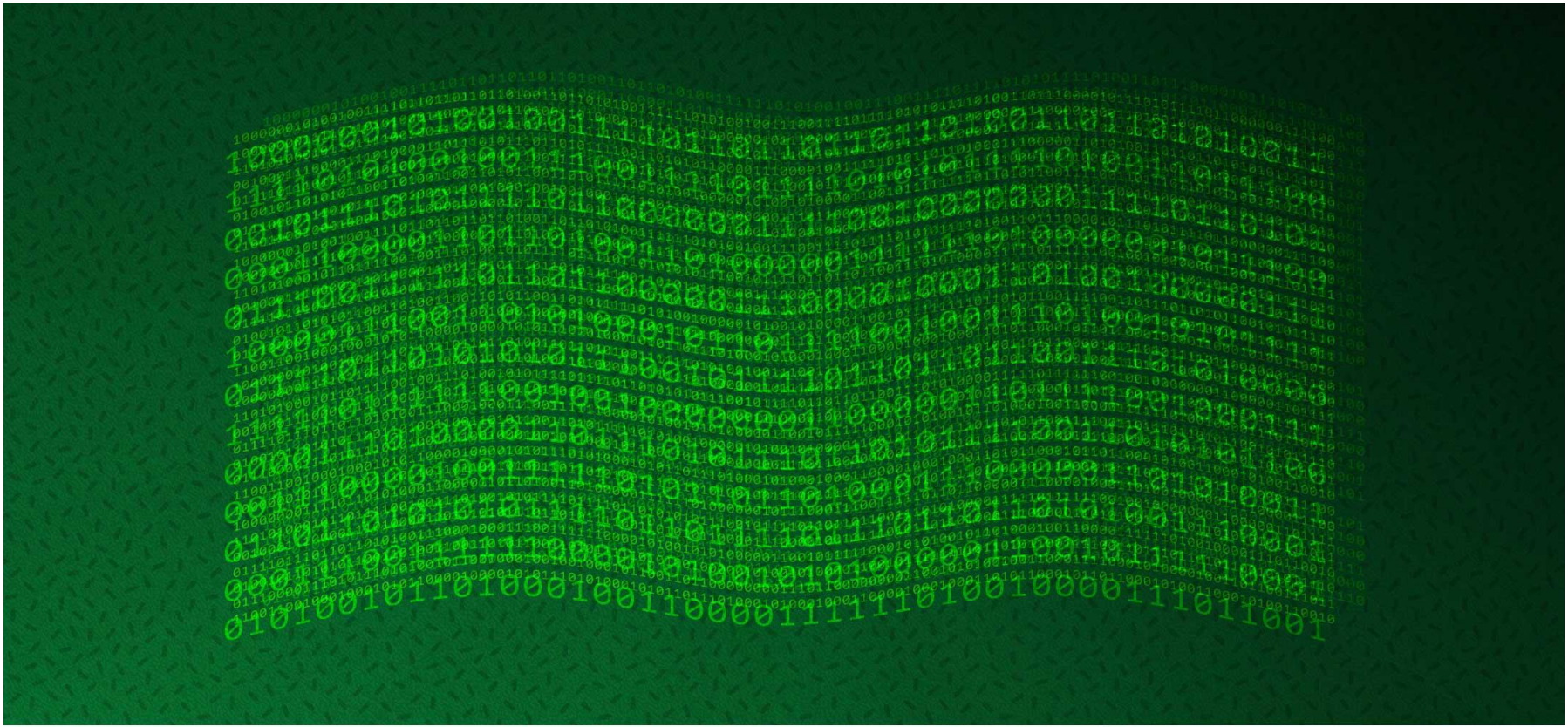


Open to All

Censorship Resistant

Banking the Unbanked

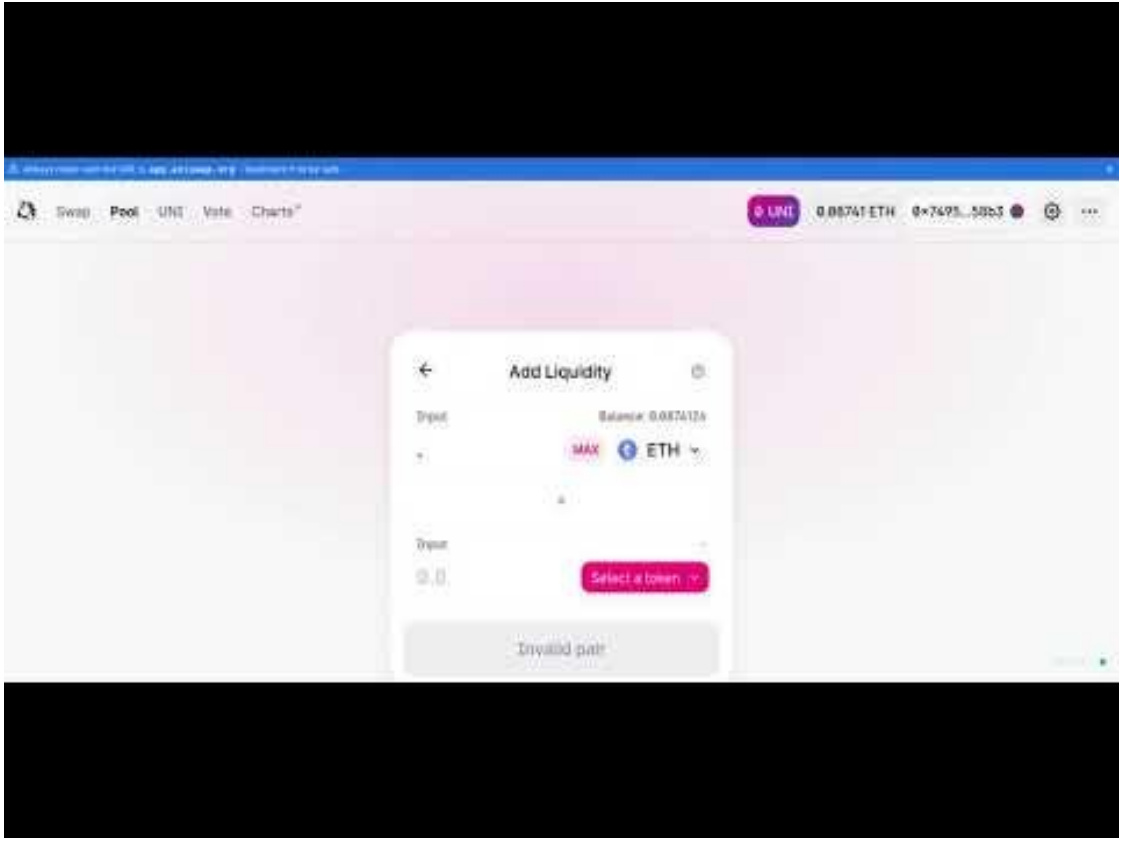
Financial



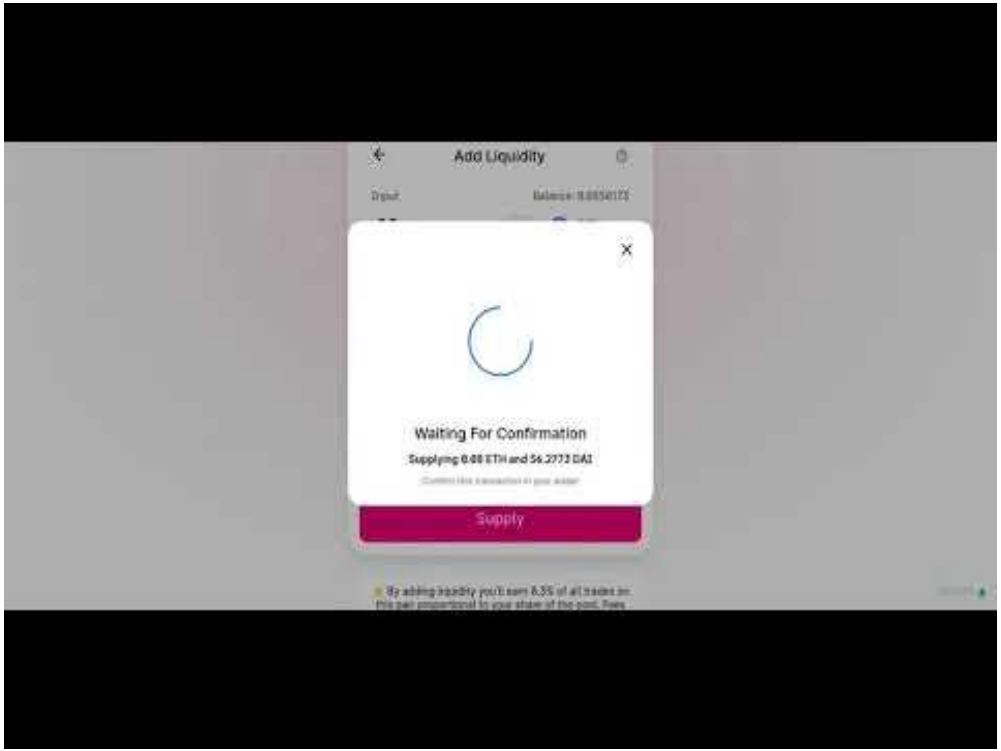
Yield Farming

Liquidity Pools

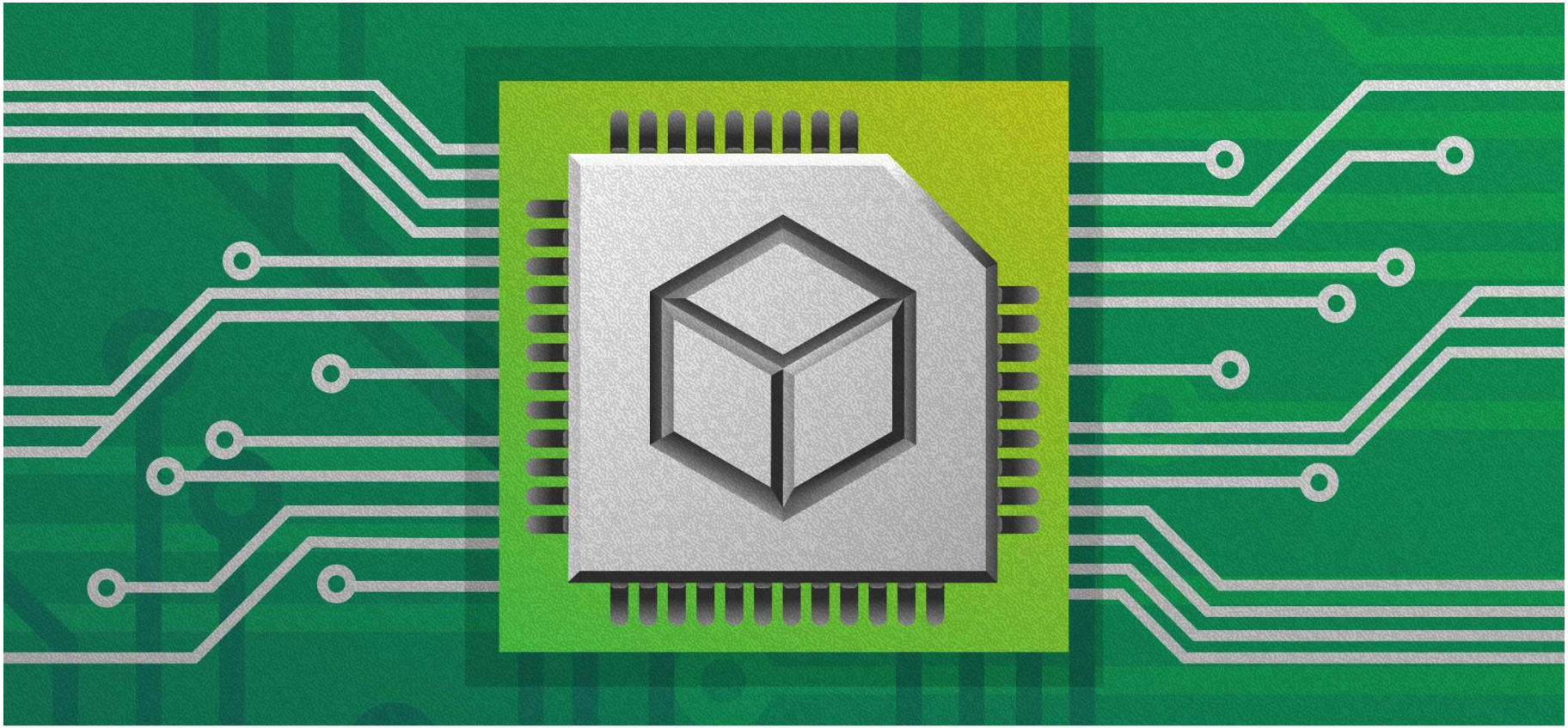
Adding a Pair



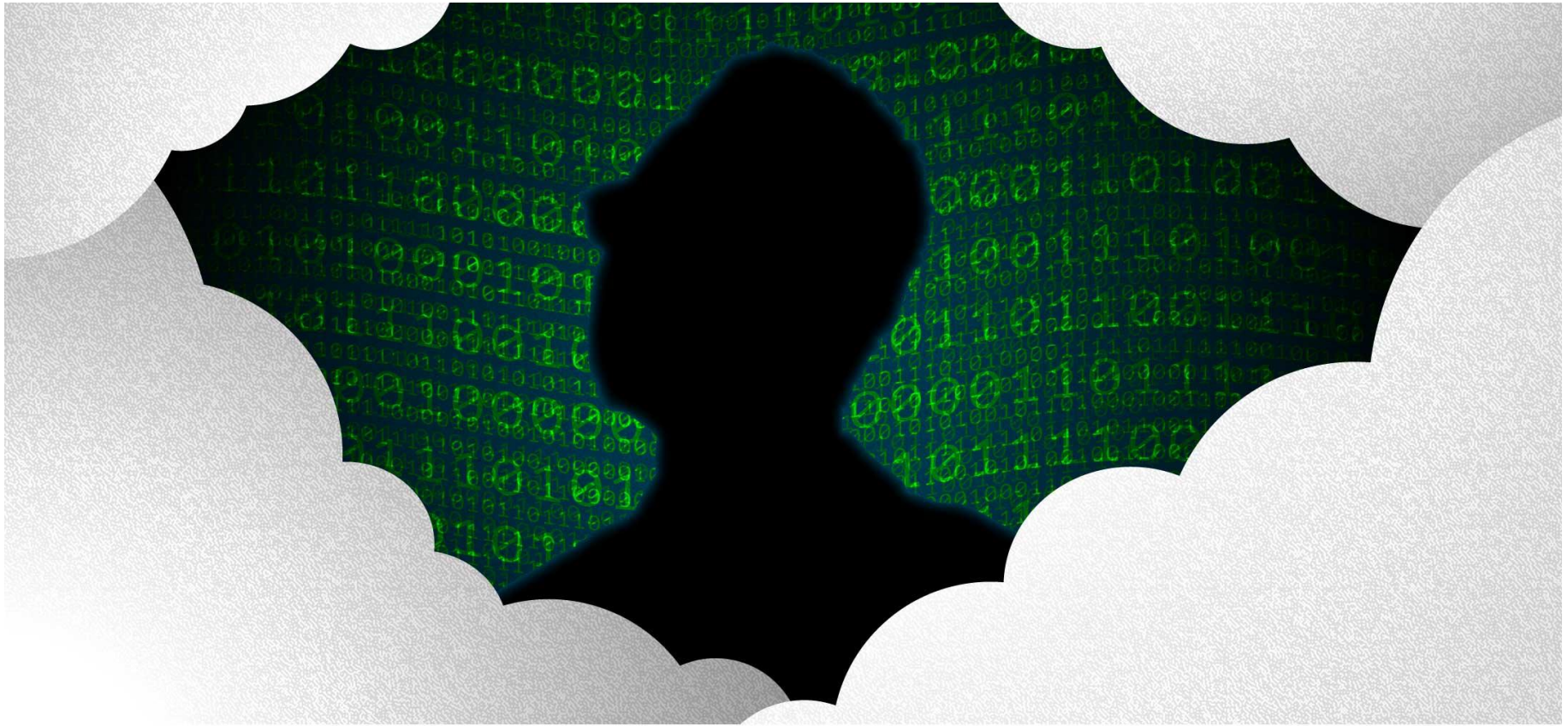
Adding a Pair (cont)



Technological

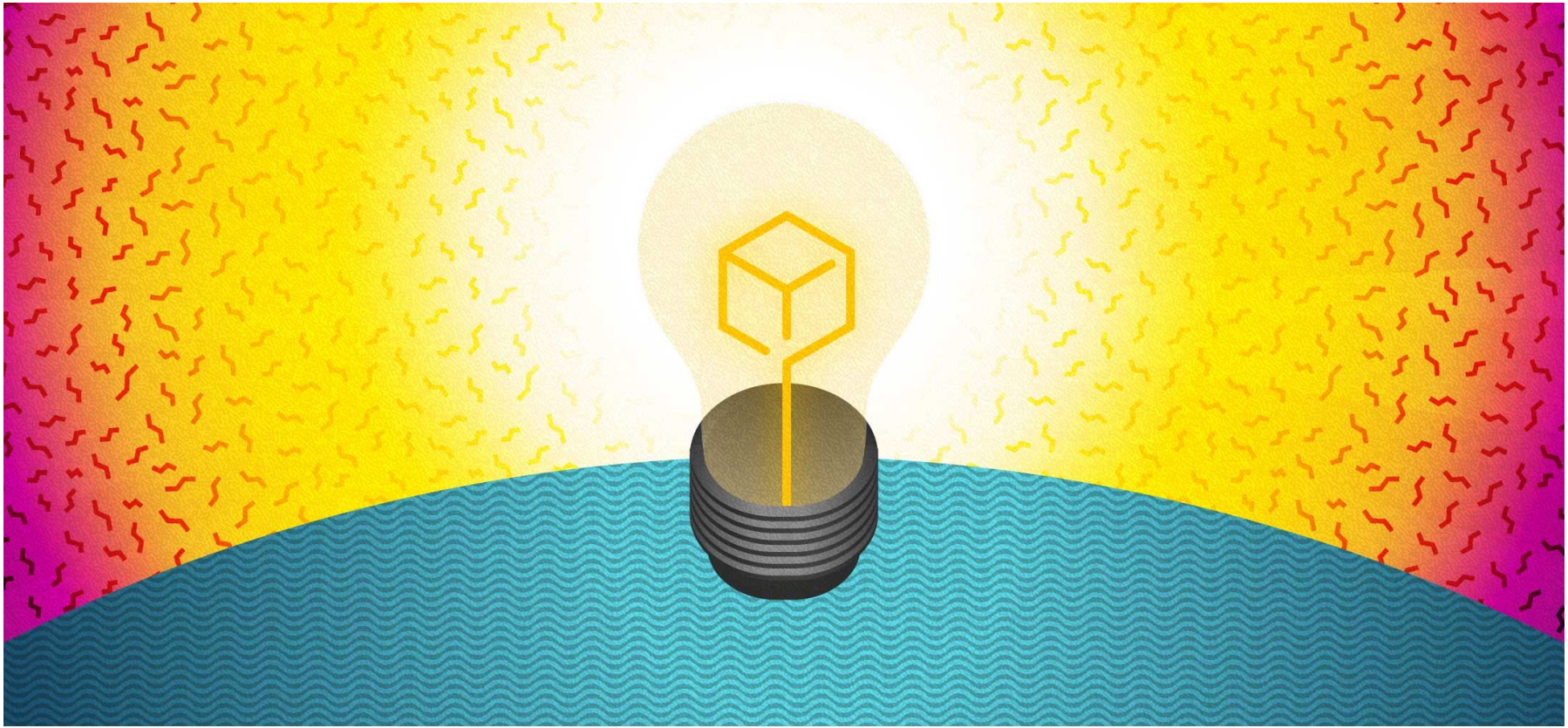


Open Source



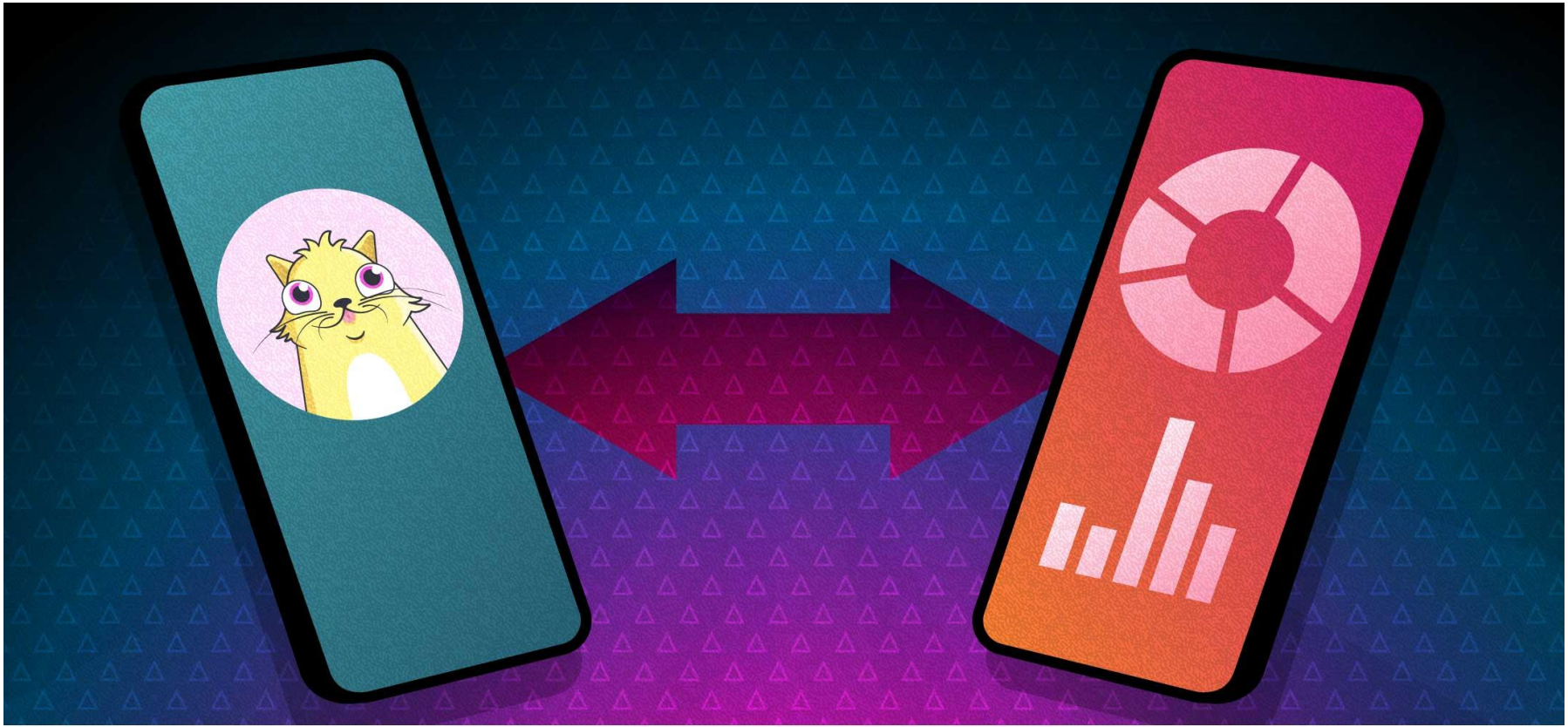
Using Crypto Security

New Innovations

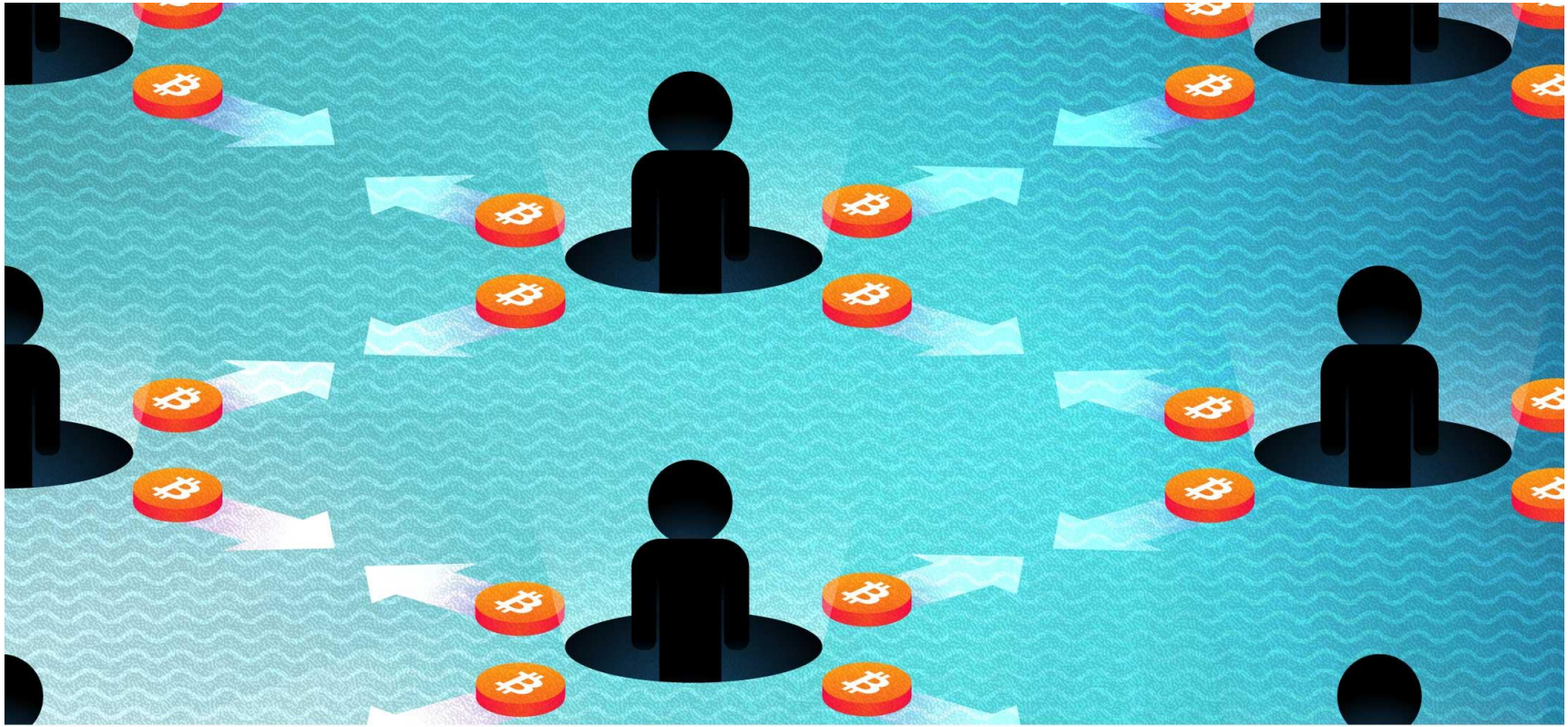


DeFi’s Applications

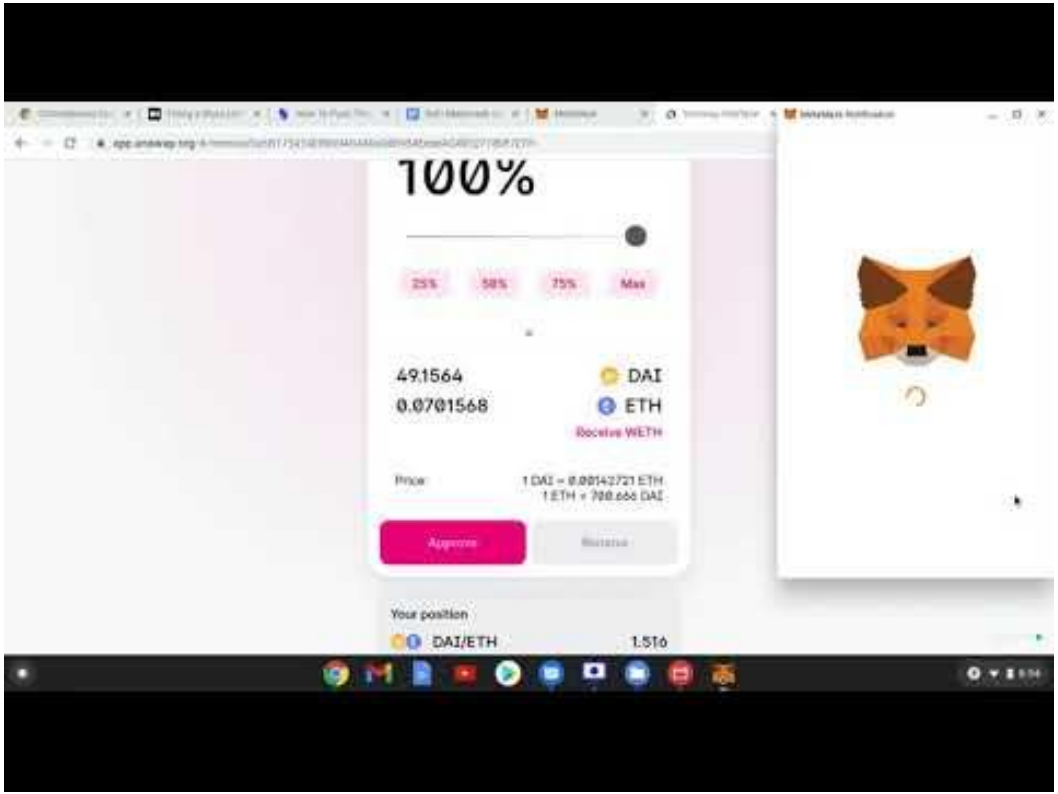
dApp’s and DeFi



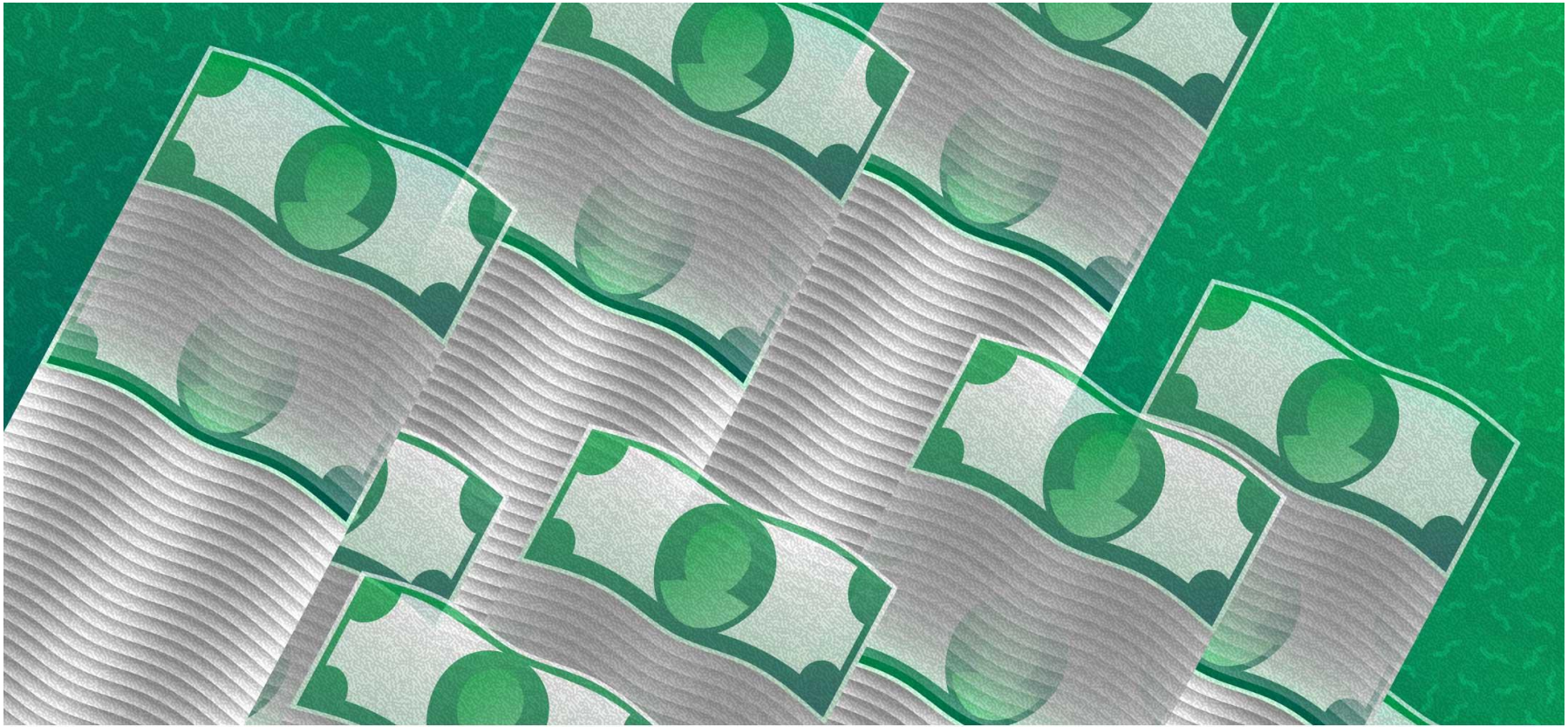
DEXs



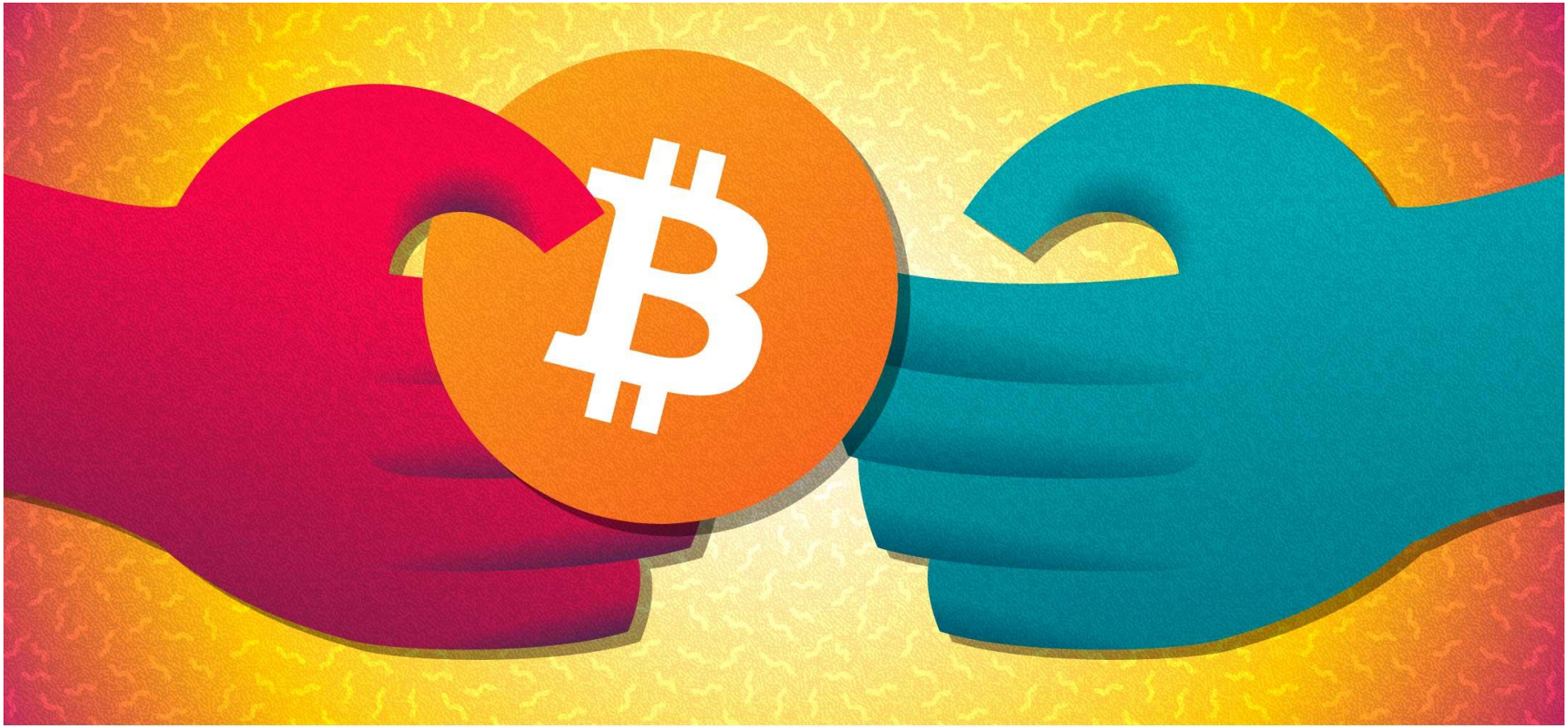
Removing Liquidity



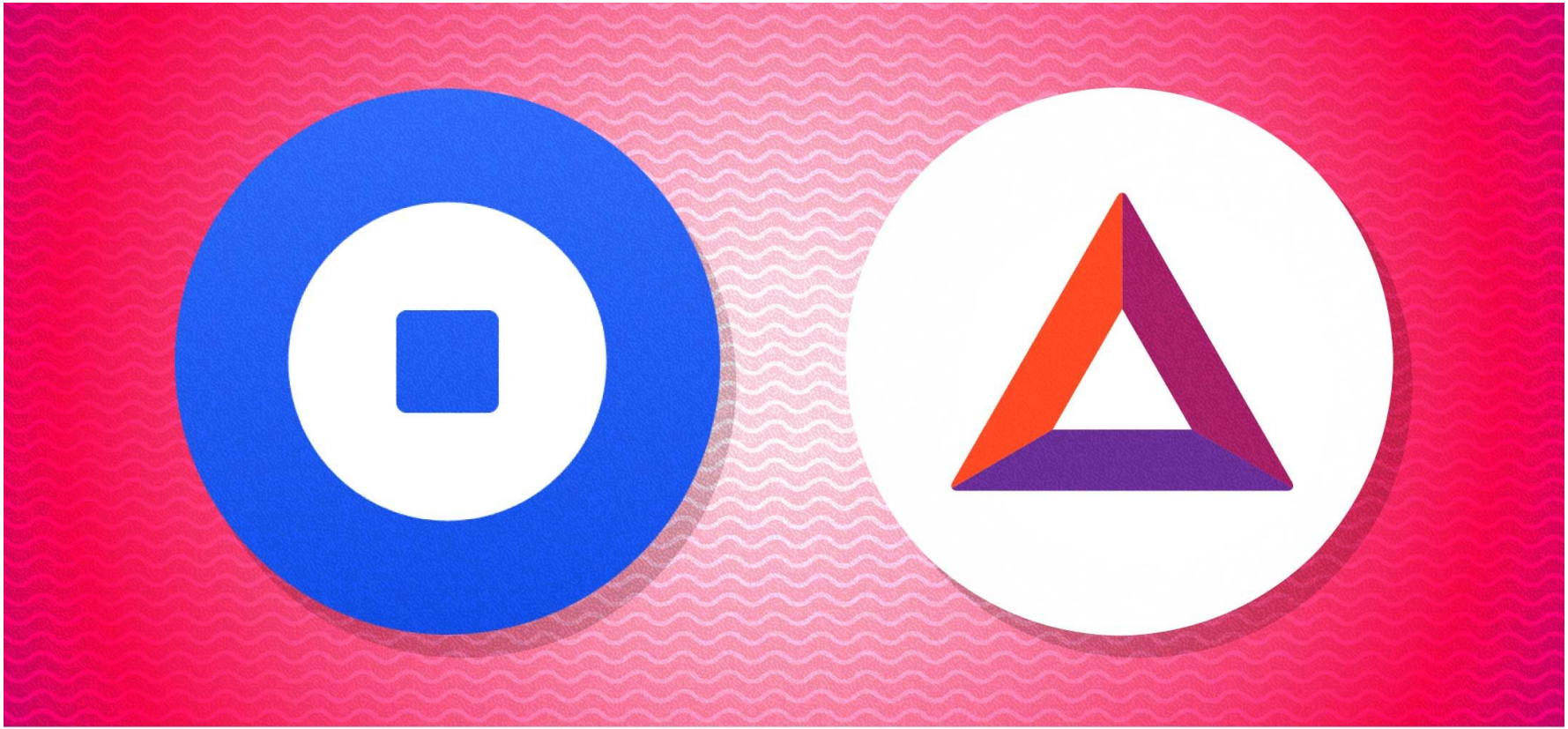
Savings



Lending



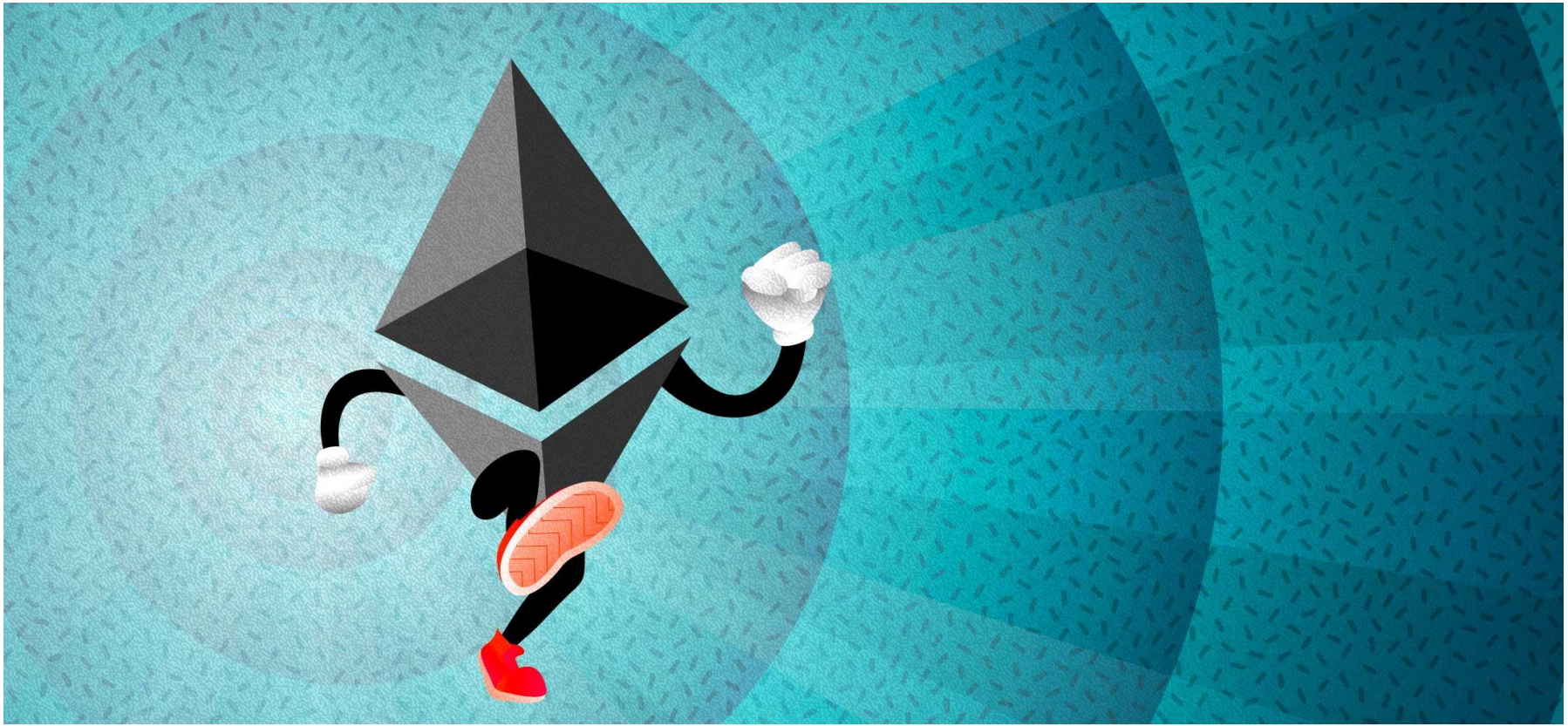
Wallets



Asset Management

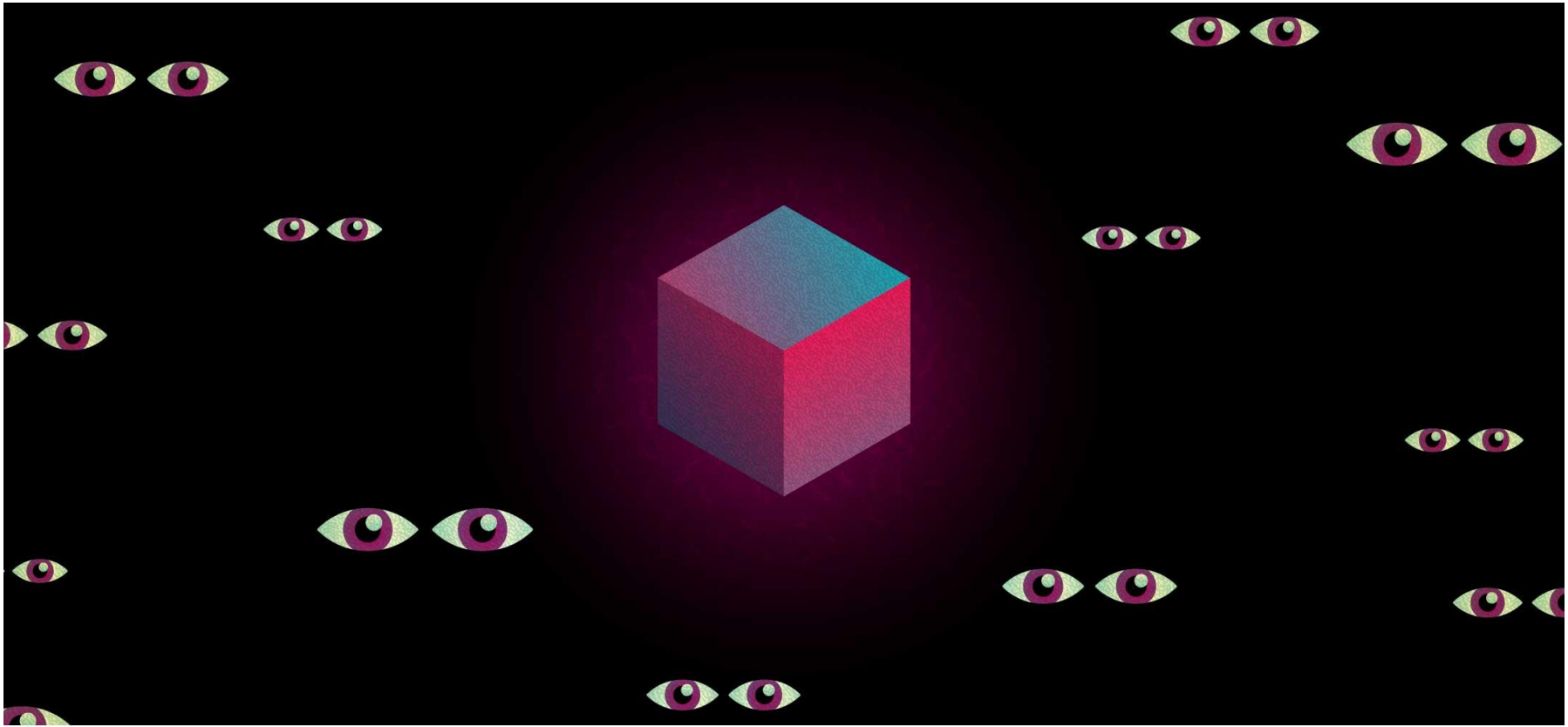
DeFi Limitations

Running at ethereum's Pace



Scaling

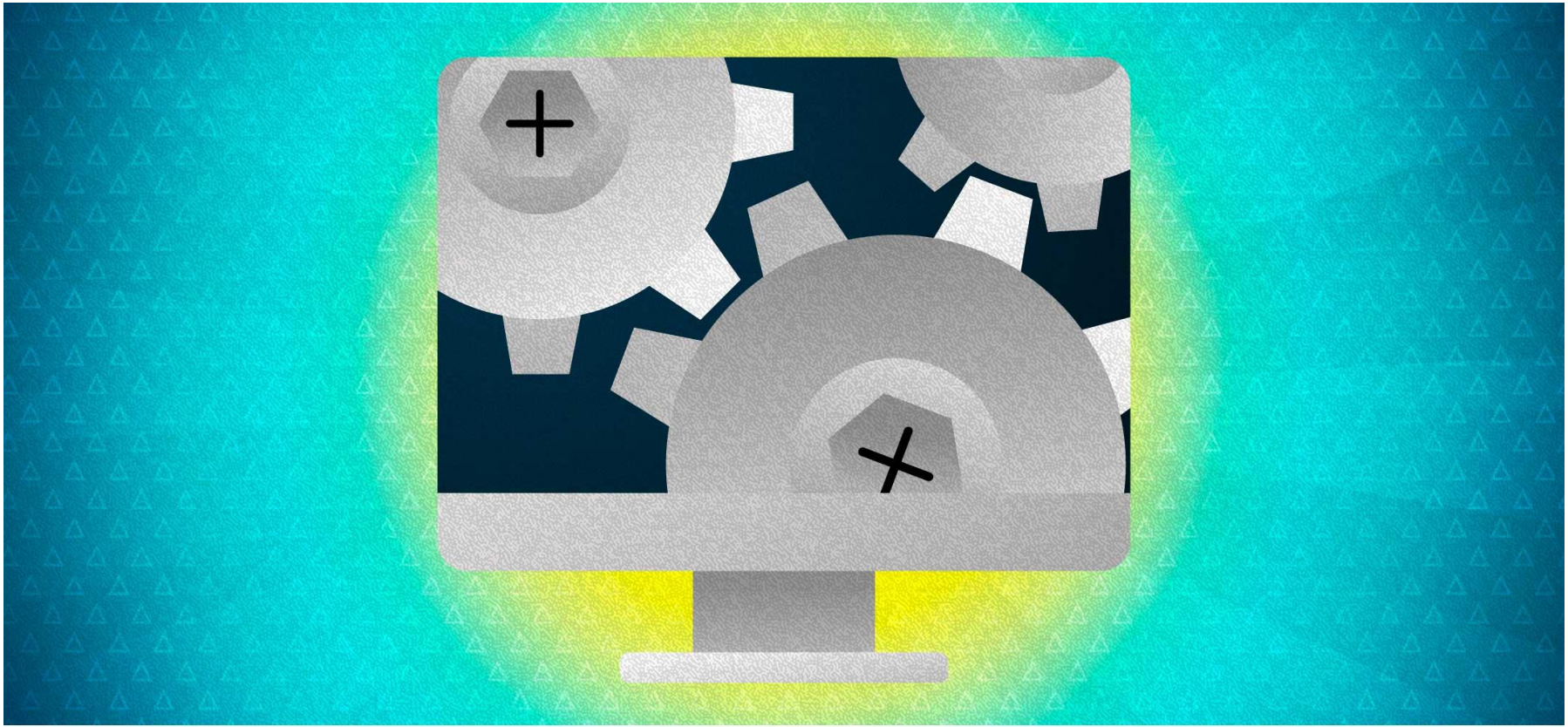
Privacy



Banks and Market Domination

Lack of Liquidity

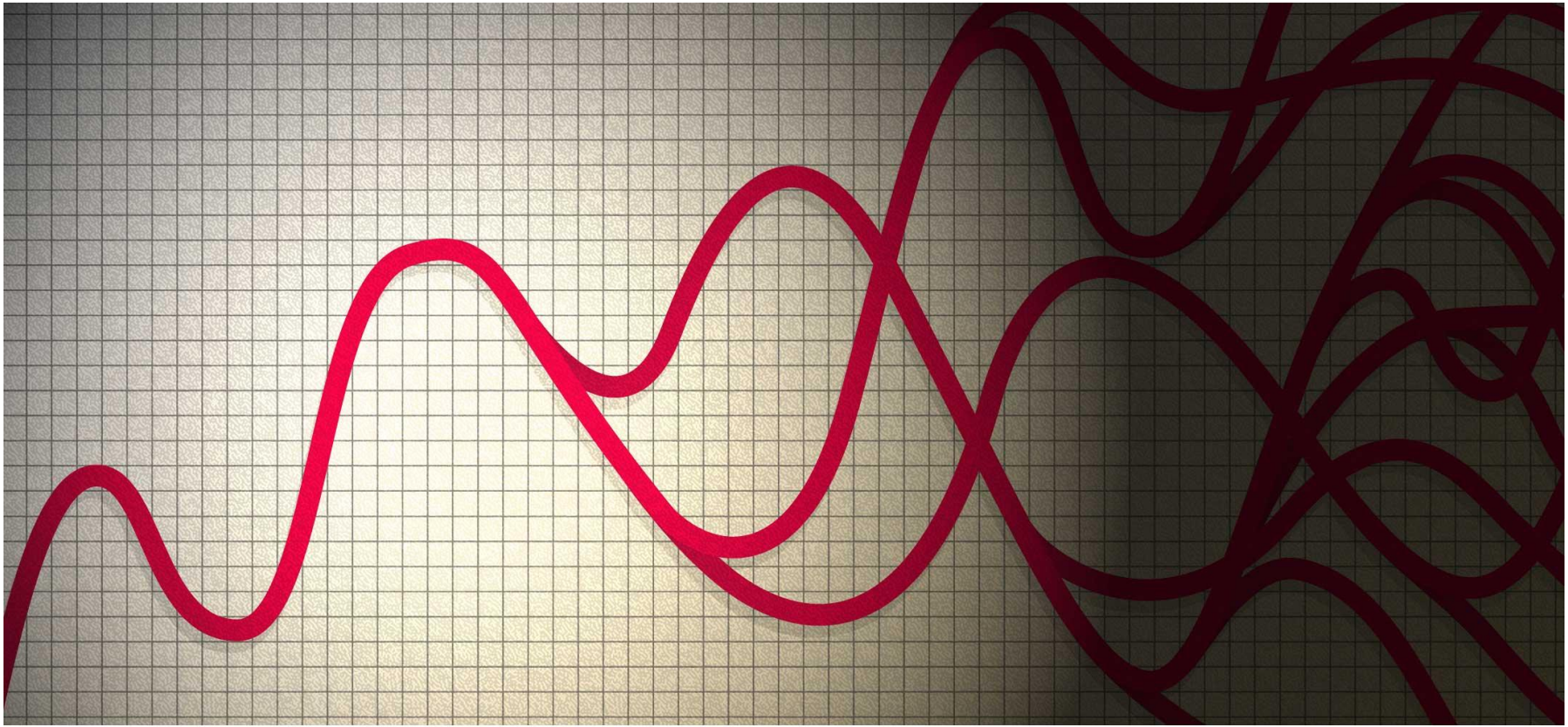
Ease of Use



Possible Solutions

Future of DeFi

What's Next?



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