Writing Smart Contracts
Assignment 11: Empirics

Peter H. Gruber

March 18, 2022

IMPORTANT:

- Most assignments are handed in via the blockchain.

- Read the instructions carefully and use the appropriate accounts.

- Be careful to choose the required network: Testnet or Mainnet.

- Tip: verify your transactions on Algoexplorer.

Compulsory Exercises

Exercise 1. Explore the holdings of our course wallet
`F2NHSOELCMCETH6BEETNP7TBDIJDW7RHYDHPYCAHVSHLU43BHVOE5ZJCSM`
on `https://algoexplorer.io`. There was a transaction of zero ALGOs on Jan 6, 2022. Where did it go? How many transactions were made to this address around that time? Why were there almost no transactions in the last weeks? Look at the note (in ASCII format). Can you find out what happend?

Exercise 2. Find the Algorand asset ID of the USDC stablecoin. (Note that USDC exists also on other chains). Using `https://algoexplorer.io`, find the total supply of USDC on the Algorand chain as well as the 20 largest holders. What fraction of USDC do they hold?