

Abstract

Cryptocurrencies are well known asset that almost everyone at least heard of. Some of these cryptocurrencies have all of its supply already in circulation, while others do not. Two biggest cryptocurrencies, Ethereum and Bitcoin, have their supply being increased every day through the process known as mining, which many never even heard of. This process and its interaction with price are the main topic of this thesis. Price and hash rate, which is good and flexible index of difficulty of mining, of Bitcoin and Ethereum are studied and it is shown, that there is an interplay among both currencies but also withing the currency itself.