

Determining the Geometry of a Three-sided Fair Coin

B. Blais

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You can use Security Seeds to recover your wallet on any Electrum client, even on the Electrum Wallet online web program.

One of Komodo's current scenarios is BarterDEX, a de-centralized exchange. BarterDEX carried out a total of 115960.

Komodo calls it BarterDEX, a technology that allows free and secure cryptocurrencies transactions between individuals.

Dash Electrum 3.2.3.1 was released, renamed Dash-Electrum, adding the option to use Tor Proxy at startup, according to Dash Coin. DASH is now

trading at \$159, down 3.26 percent.

Komodo (KMD)'s de-centric exchange Barterdex currently trades more than 50,000 atoms.

In this demo, Electrum developer Chris Belcher shows how to set up and use an Electrum personal server.

Wallet, Coldlar, Electrum, Huobi.

In a recent announcement on Twitter, Electrum advised users to disable the automatic connection option and manually select a server, while the company is developing a more powerful Electrum.

Blockchain.info, Electrum Wallet.

Click to get t

he Electrum Personal Server source code and the Electrum Wallet source code.

According to Bleeping Computer, the BTC wallet app Electrom accused a phishing product called Electrum Pro of stealing a user's seed key on May 9 on GitHub and registering a domain name called electrum without Electrum's permission. The Electrum team noted that there was a piece of code indicating that the counterfeit product might have taken the user's seed key and uploaded it to the electrum. Affected users should tr

ansfer funds from BTC URLs managed by Eletrum Pro.

Electrum is a popular software wallet that works by connecting to a dedicated server. These servers receive a hash of the Bitcoin address in the wallet and reply with transaction information. Electrum wallets are fast and have few resources, but by default, it connects to these servers and can easily monitor users. In addition to Electrum, some other software uses public Electrum servers. By 2019, it is a faster and better alternative to BIP37.

Balances

Available: 42.10482529 RVN

Pending: 0.00000000 RVN

Total: 42.10482529 RVN

Recent transactions

	2/17/2018 08:17 MiningPandaPool	+14,43883197 RVN
	2/17/2018 07:18 MiningPandaPool	+11,40133098 RVN
	2/17/2018 06:14 MiningPandaPool	+4,06627805 RVN
	2/17/2018 05:14 MiningPandaPool	+5,53844875 RVN
	2/17/2018 04:12 MiningPandaPool	+2,52937725 RVN

Bayesian Model Comparison

Probability of the model given the data

$$P(M_i|D, I) = \frac{P(D|M_i, I)P(M_i|I)}{P(D|I)}$$

Ratio of two models

$$\frac{P(M_i|D, I)}{P(M_j|D, I)} = \frac{P(D|M_i, I)P(M_i|I)}{P(D|M_j, I)P(M_j|I)}$$

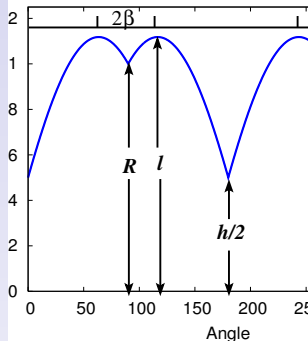
If all of the models are *a priori* equally likely

$$\log P(M_i|D, I) - \log P(M_j|D, I) = \log P(D|M_i, I) - \log P(D|M_j, I)$$

Analytical Bounce Model (Blais)

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Recursive equation

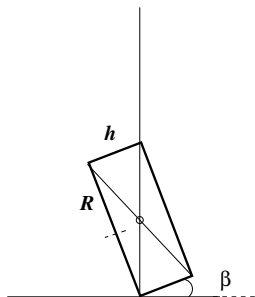
$$p_{\text{edge}}(i) = p_e(1 - F_e(E_i)) + p_e F_e(E_i) p_{\text{edge}}(i+1) + p_h F_h(E_i) p_{\text{edge}}(i+1)$$

not escape

escape, on

on heads, escape, on
edge next

Center of Mass



s tip-over direction

$$\tan(\eta/2)$$

β then the coin will
dge

if $\beta < \theta < \pi/2$ then the coin
will land on the heads

$$p_{\text{edge}}(h, R) = \frac{\beta}{\pi/2} \equiv p_e$$

For a fair coin we obtain

$$p_{\text{edge}}(h, R) = \frac{1}{3} = \frac{\beta}{\pi/2} \Rightarrow \alpha = 60^\circ$$

$$h/R = \frac{2}{\sqrt{3}} \approx 1.155$$

Sirius Model (Blais)

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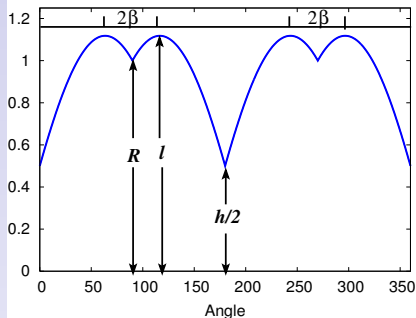
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Probability for an edge-inductive fall (COM):

$$p_e = \frac{\beta}{\pi/2}$$

Energy after n bounces:

$$E_n = E_o \gamma^n$$

Number of bounces, given initial and final energy:

$$n = \log(E_n/E_o) / \log \gamma + 1 = \log \left(\frac{l - h/2}{l - R} \right) / \log \gamma + 1$$

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Probability of the model given the data

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Ratio of two models

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