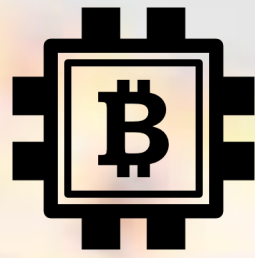




A Complete Guide To:  
*To Double Spend Your ₿*



# About Author

## Engg Chaks

The author is known by various names , Just a google search will let you know the his extent of scam and his bitcoin double spending skills.

Engg Chaks is a well Known Indian Hacker , From Bilaspur ,Chhatishgarh. His various alts include : Scammer Ocean Thomas , Scammer Chemy etc. He has got a bunch of skills which if one know can prevent him from being scammed and can even lead him to big profit by following his methods.





# Disclaimer

This guide has been prepared for educational purpose only and the author has no intention in spreading the method to use it for purpose of forgery/Scamming.

Any act which Lead to scam/forgery will lead to the sole person responsible who did it.

By reading this e-book you are bound to take your responsibility yourself.

**-Engg.Chaks**

# Vouches



I really Found this amazing.  
It has saved me several  
times from being scammed  
-PayPal-Trader



I was unaware of this  
exploit until I heard  
from chaks.  
-MiningBuddy

Engg.Chaks is someone  
who can only come up  
with tricks like this.  
-JamesRD



The background of the entire image is a dark blue field filled with a complex network of thin white lines connecting small dots, resembling a digital or neural network. In the lower-left foreground, a human hand is shown from the wrist up, palm facing upwards, with fingers slightly spread. Above the hand, a cluster of 3D cubes is suspended. Most of these cubes are a vibrant blue, but one cube in the center of the cluster is a bright orange. A bright, glowing light emanates from the base of the cube cluster, just above the hand, creating a strong lens flare effect. The overall composition suggests a theme of reaching for a solution or understanding a complex system.

# Why Transactions Become Stuck

A book by Engg.Chaks



*The most common cause for a stuck transaction is that it carries a fee that was set too low.*

*Bitcoin fees are a complicated topic, but the most important number to keep in mind is your transaction's fee density. Fee density is calculated by dividing the transaction fee (in satoshis) by the length of the transaction (in bytes).*

*Fees make up a tiny fraction of miner revenue today, but miners already act as if they're trying to maximize revenue from fees. The process begins by isolating transactions that don't qualify for a fee waiver. These transactions are then sorted by fee density. Next, the transaction with the highest fee density is added to a candidate block. Then the transaction with the second highest fee density is added, and so on.*

0.00010000 BTC > 15P85DTtY8G5tbWpaCPyhY86koRhmvzynq

UNCONFIRMED

⇒ f4ed0c2bfec2c5edca109ef29a32437e6bc9c14a6328c72e95f6afe339d7b0b3

Wednesday, October 14th 2015, 8:55:45 • 5 hours 50 minutes ago • 1 inputs • 2 outputs • 1 spent [More details](#) ▼

0.00010000 BTC > 15P85DTtY8G5tbWpaCPyhY86koRhmvzynq

35 CONFIRMATIONS

⇒ 9b620e6ce4ab1388e3bc119faf9d997226b71d1a8821ae2bd3f7e126f71c9f54

Wednesday, October 14th 2015, 8:43:35 • 6 hours 2 minutes ago • 1 inputs • 2 outputs • 1 spent [More details](#) ▼

0.00010000 BTC > 15P85DTtY8G5tbWpaCPyhY86koRhmvzynq

35 CONFIRMATIONS

⇒ e5cf71f92d6931d5f3068ea7cb2b357be069212b2c7c771e6114c0f18be1deb0

Wednesday, October 14th 2015, 8:43:16 • 6 hours 2 minutes ago • 1 inputs • 2 outputs • 1 spent [More details](#) ▼

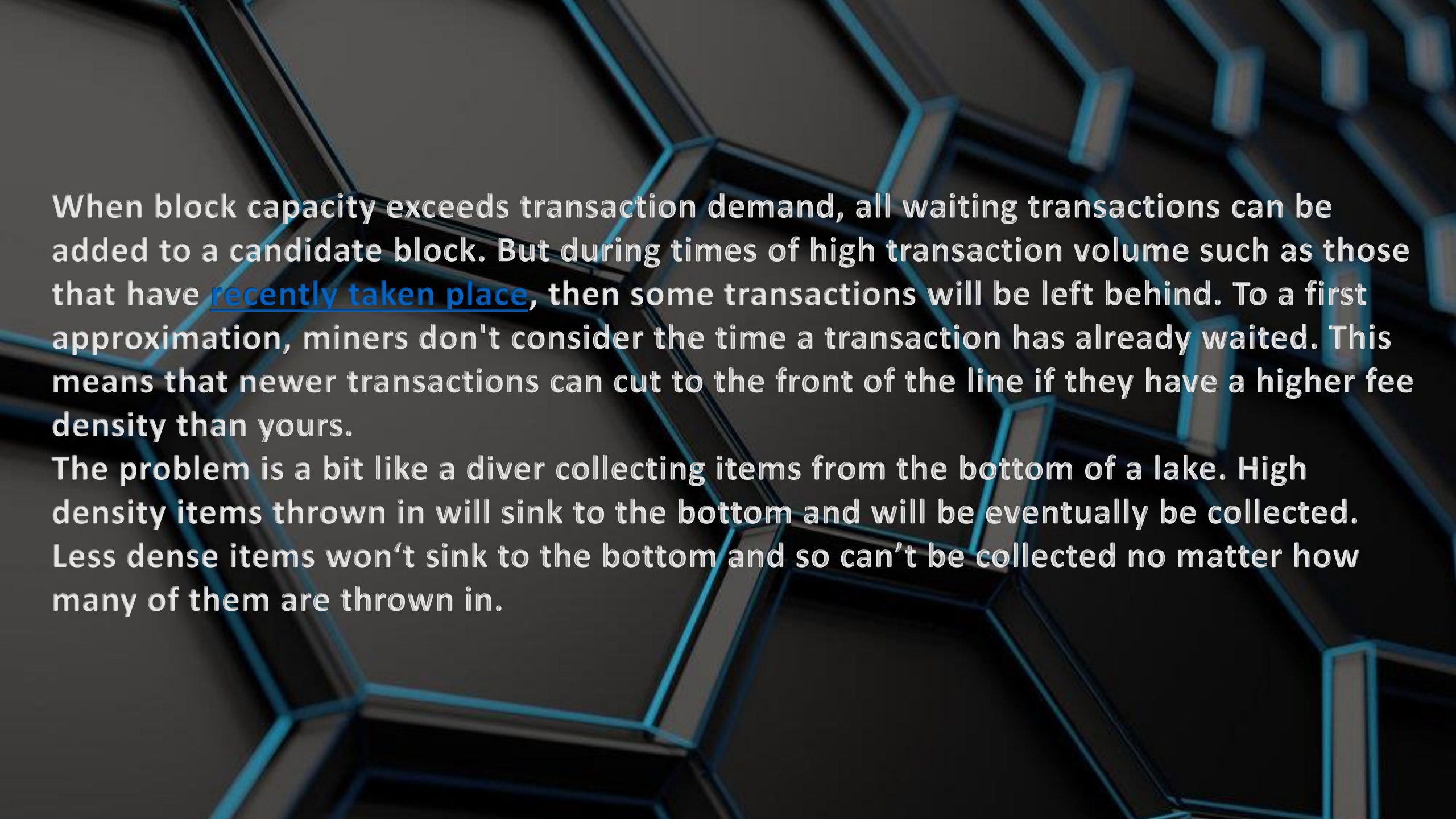
0.00010000 BTC > 15P85DTtY8G5tbWpaCPyhY86koRhmvzynq

UNCONFIRMED

⇒ f33f6b4f6e9a3ae6acfae41bc75ea3eb2dac6dd2b5327c6c0eab537901c820be

Wednesday, October 14th 2015, 8:42:46 • 6 hours 3 minutes ago • 1 inputs • 2 outputs [More details](#) ▼





When block capacity exceeds transaction demand, all waiting transactions can be added to a candidate block. But during times of high transaction volume such as those that have recently taken place, then some transactions will be left behind. To a first approximation, miners don't consider the time a transaction has already waited. This means that newer transactions can cut to the front of the line if they have a higher fee density than yours.

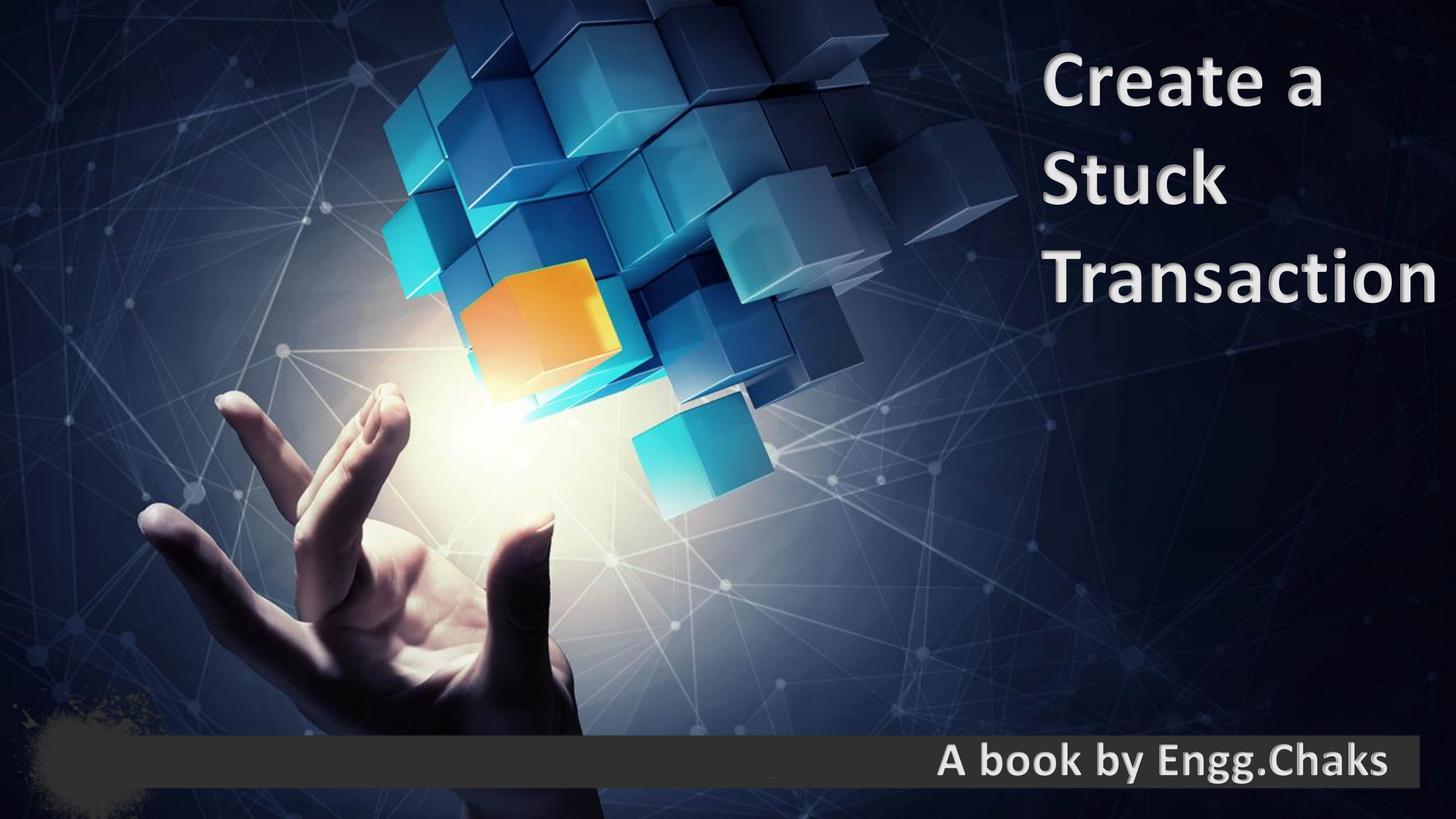
The problem is a bit like a diver collecting items from the bottom of a lake. High density items thrown in will sink to the bottom and will be eventually be collected. Less dense items won't sink to the bottom and so can't be collected no matter how many of them are thrown in.



# Double Spending



A book by Engg.Chaks

The background is a dark blue gradient. A network of thin white lines connects small white dots, creating a web-like pattern across the entire image. In the lower-left foreground, a human hand is shown from the wrist up, palm facing up, with fingers slightly spread. Above the hand, a cluster of 3D cubes is floating. Most cubes are a vibrant blue, but one cube in the center of the cluster is a bright orange. A bright, glowing light emanates from the base of the cube cluster, just above the hand, creating a lens flare effect. The text 'Create a Stuck Transaction' is written in a large, white, sans-serif font in the upper right quadrant. At the bottom, a dark grey horizontal bar contains the text 'A book by Engg.Chaks' in a white, sans-serif font.

# Create a Stuck Transaction

A book by Engg.Chaks



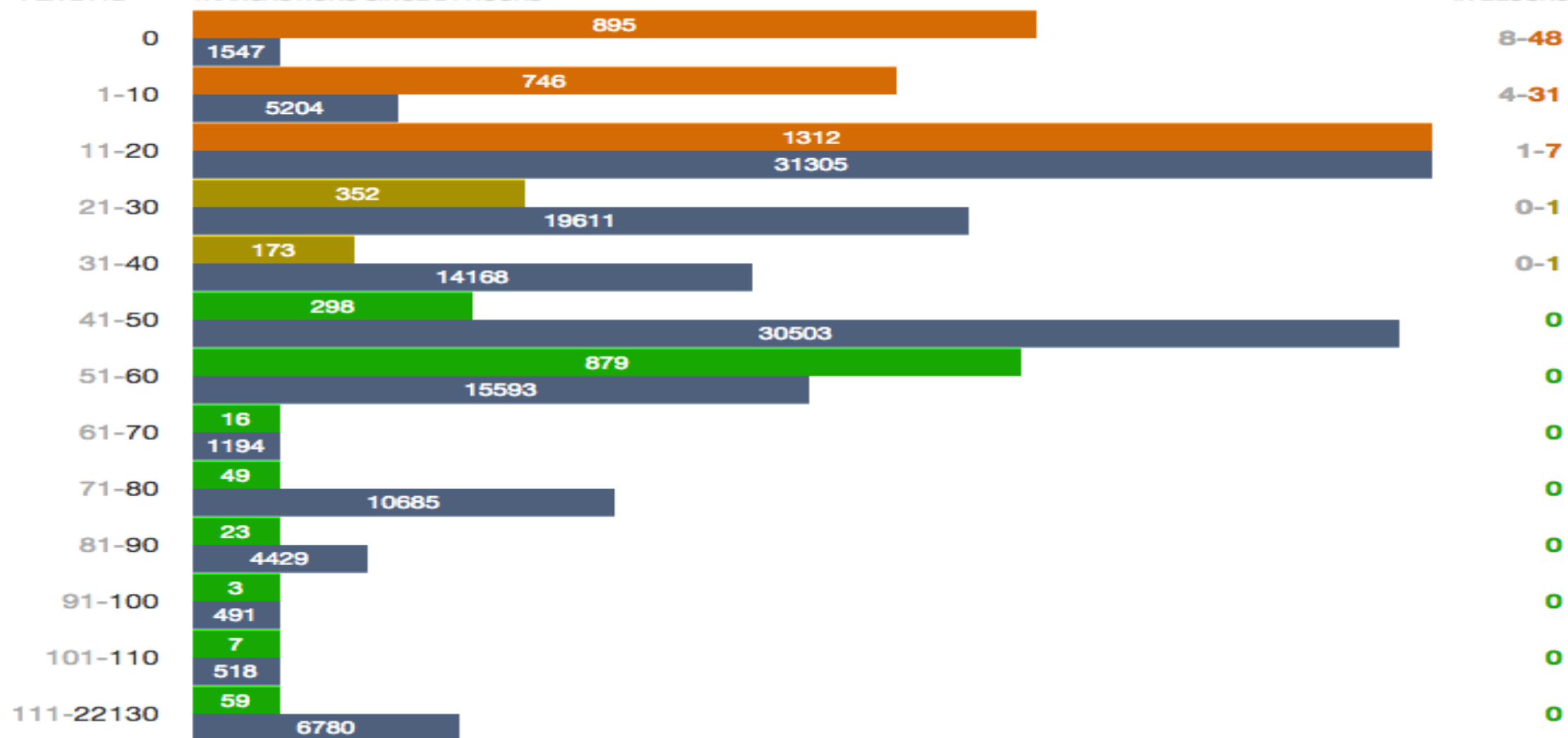
**Fees** ⓘ

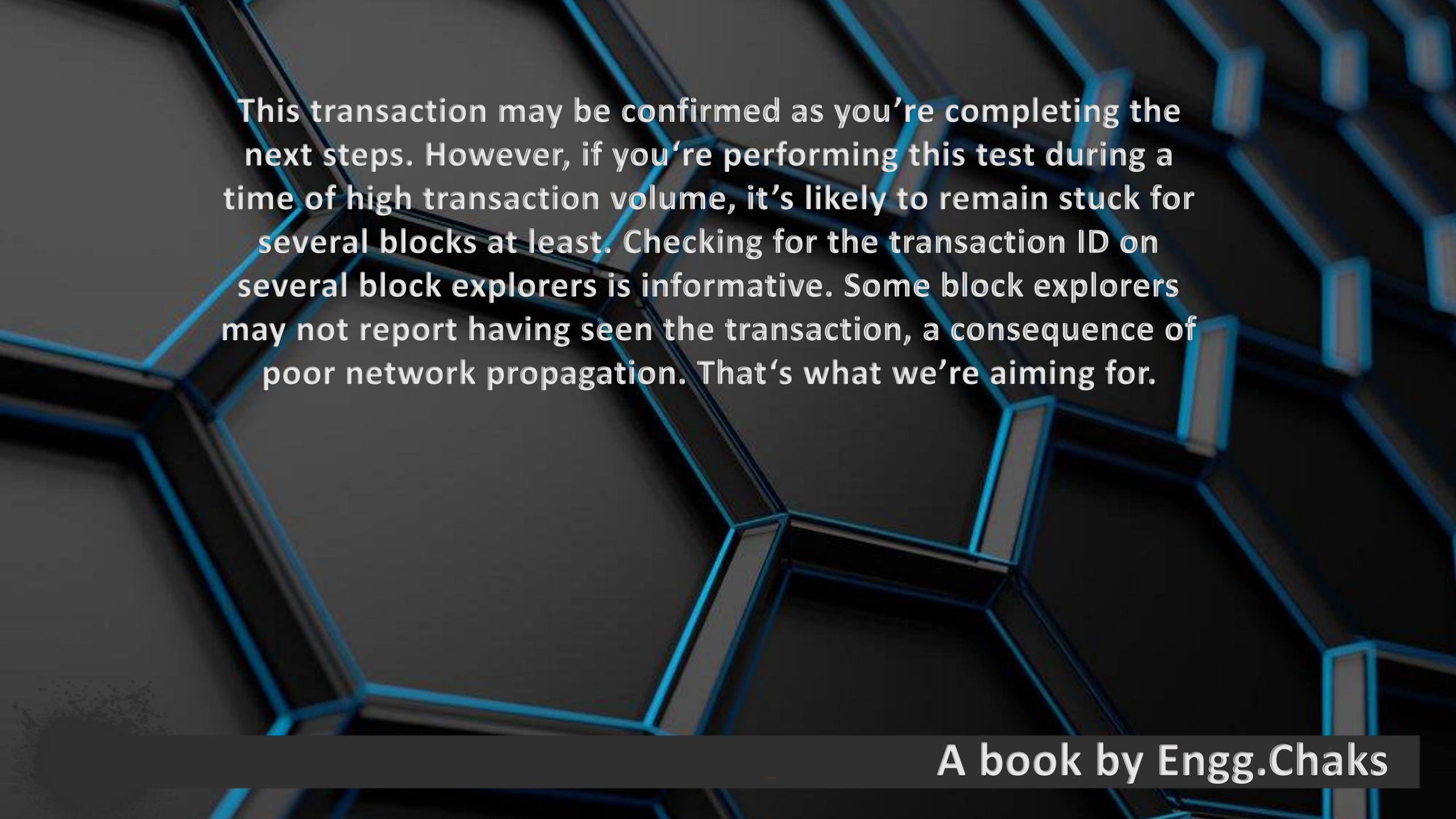
 SATOSHIS  
PER BYTE

**Unconfirmed transactions / Transactions today**

 TRANSACTIONS IN MEMPOOL  
TRANSACTIONS SINCE 24 HOURS

**Delay** ⓘ

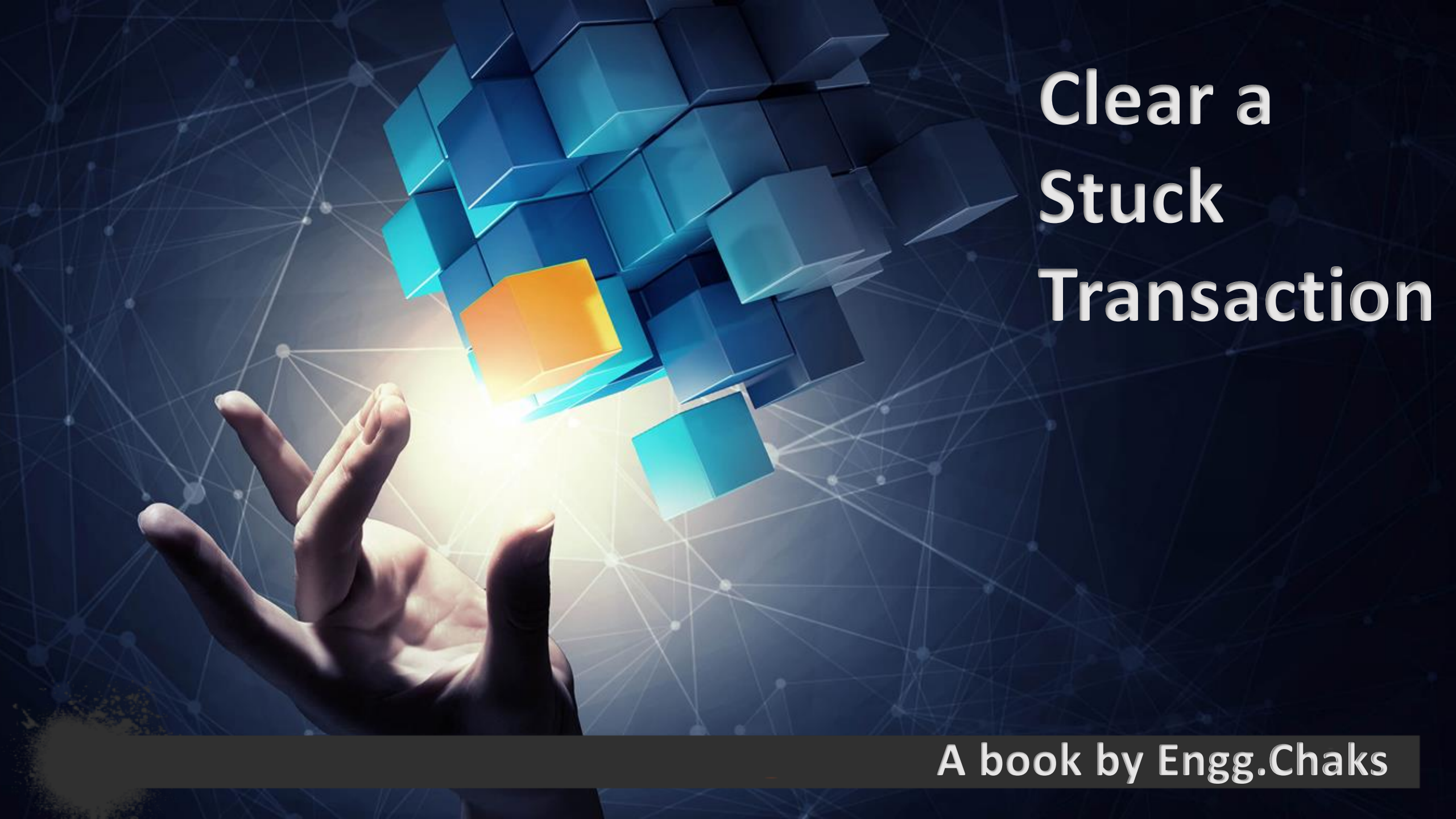
 ESTIMATED  
IN BLOCKS




This transaction may be confirmed as you're completing the next steps. However, if you're performing this test during a time of high transaction volume, it's likely to remain stuck for several blocks at least. Checking for the transaction ID on several block explorers is informative. Some block explorers may not report having seen the transaction, a consequence of poor network propagation. That's what we're aiming for.

A book by Engg.Chaks



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# Clear a Stuck Transaction

A book by Engg.Chaks

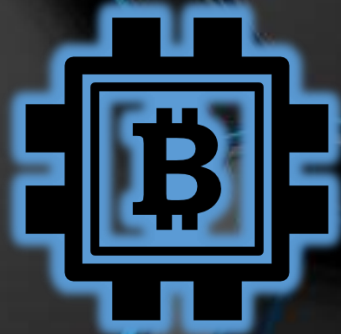
# Conclusions



A book by Engg.Chaks



Clearing a stuck transaction isn't difficult given the right tools and some practice. This article shows how using a procedure that only requires a Web browser.



A book by Engg.Chaks