

Criptomonedas

Un debate sobre su regulación,
privacidad y persecución penal



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Criptomonedas

¿Qué son?, ¿qué las distingue?

Tecnología para almacenar información

- › Blockchain 1.0 - Criptomonedas
- › Blockchain 2.0 - Contratos
- › Blockchain 3.0 – Aplicación general
- › Supuestos en los que operan
 - › Redes públicas
 - › “Anonimato”
 - › “Desintermediación” - confianza



THE BLOCKCHAIN RESEARCH INSTITUTE



ABOUT WHAT WE DO MEMBERS RESOURCES EVENTS NEWS&UPDATES EXECUTIVE PROGRAM



The UCL Centre for Blockchain Technologies (CBT) provides a cross-sectoral platform, which drives the adoption and integration of Blockchain and Distributed Ledger Technologies into our socio-economic system.

blockchain.mit.edu

HOME RESEARCH ARTICLES LIVE BLOCKCHAIN

GLOBAL BLOCKCHAIN BENCHMARKING STUDY

Dr Garrick Hileman & Michel Rauchs
2017



Cambridge
Centre
for Alternative
Finance

With the support of:



UNIVERSITY OF
CAMBRIDGE
Judge Business School



¿Cómo pensar este fenómeno?

Cripto-soporte

Soporte digital utilizado en una blockchain

Cripto-moneda

Soporte digital utilizando en una blockchain como moneda

Bitcoin

Soporte digital utilizando en una blockchain como moneda mediante el programa Bitcoin

Vehículo

Medio de transporte

Camión

Medio de transporte para trasladar cargas

Camión – Marca x

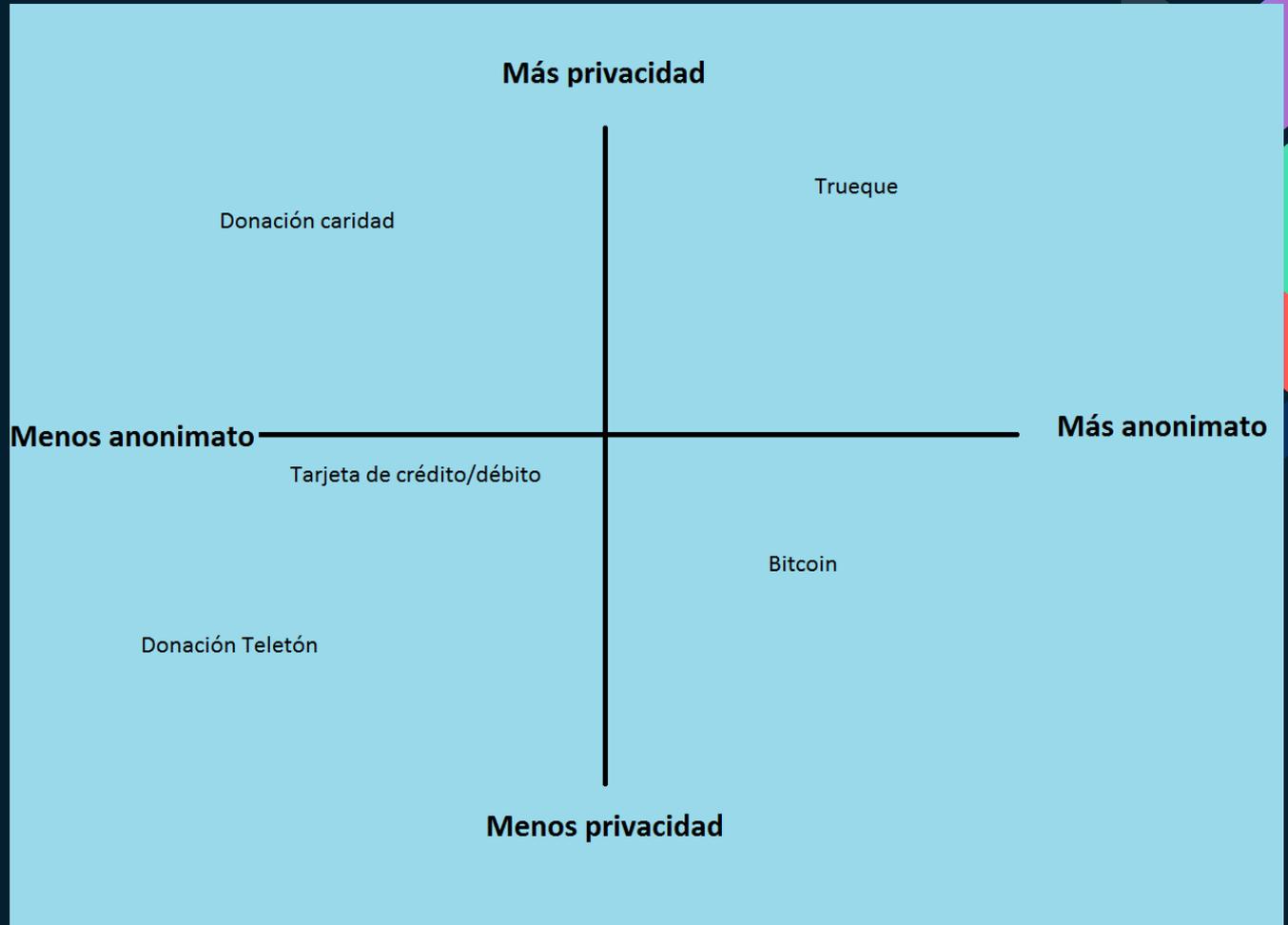
Medio de transporte para trasladar cargas marca x



Complejidad

Criptografía - Descentralización

Anonimato - Privacidad



Criptografía

- › Componente inevitable del desarrollo tecnológico
- › Diseño vulnerable o “llave dorada”
 - › Derechos Humanos
 - › Por complejidad/Seguridad informática
- › Chile
 - › Política Nacional de Ciberseguridad
 - › Política Nacional de Ciberdefensa

TERRORIST USE OF VIRTUAL CURRENCIES

Containing the Potential Threat

Zachary K. Goldman, Ellie Maruyama, Elizabeth Rosenberg,
Edoardo Saravalle, and Julia Solomon-Strauss



Ransom32



All your data (photos, documents, databases, etc) have been encrypted with a private and unique key generated for this computer. This means that you will not be able to access your files anymore until they are decrypted. The private key is stored in our servers and the only way to receive your key to decrypt your files is making a payment.

The payment has to be done in Bitcoins to a unique address that we generated for you. Bitcoins are a virtual currency to make online payments. If you don't know how to get Bitcoins, you can click the button "How to buy Bitcoins" below and follow the instructions.

You only have 4 days to submit the payment. When the provided time ends, the payment will increase to 1 Bitcoin (\$350 approx.). Also, if you don't pay in 7 days, your unique key will be destroyed and you won't be able to recover your files anymore.

Payment raise

3 days, 23:55:31

Final destruction

6 days, 23:55:31

To recover your files and unlock your computer, you must send 0.1 Bitcoins (\$35 approx.) to the next Bitcoin address:

19Qzykx4DgwHz9Yr7pp8EadfQH1tV46CFF

[Check payment](#)

[How to buy Bitcoins](#)

For you to check that we truly have the keys saved and your files will be decrypted when you pay, we let you select ONE file the will be decrypted for free. The key will be decrypted in the server.

[Select file](#)

 If you try to remove this payment platform, your will never be able to decrypt your files and they will be lost forever 

Ransom32 Lock Screen



***** ALPRAX---XANAX
1mg (700 pills) *****
B15.78



METHADONE HIGH
QUALITY 40MG CAPSULE
B4.72



Vicodin 10/325 mg x 1 pill
(USA Made)
B0.45



Ketamine 5g
B7.44



LECKERMANN'S WEEKLY
MAILEDelivery 5 G
B3.89



Indian charas ice cream 25g
B8.71



1G- Pineapple Express -
Nxt Day Delivery
B2.88



1 g GRADE A filipino hash
B1.04



20g MDMA (Marquis tested)
Register mail
B36.14



Vardenafil (Generic
LEVITRA 20mg): 200 pills
B7.61



*** CIALIS---TADALAFIL 20
mg (60 pills) ***
B4.46



250mg Xanax Alprazolam
powder
B4.78

News

- Closing the Armory
- A brand new look for Silk Road!
- The gift that keeps on giving
- Who's your favorite?
- Acknowledging Heroes

Bookmarked items

- HAZE Amnesia x NLX 10G remove



Panorama de criptomonedas

Diseño – Comunidad - Regulación

Diferentes cualidades

Privada

Anónimo

Fungible

Descent



X

?

X

✓



X

?

X

✓



✓

✓

✓

✓



✓

✓

?

X

¿Qué podemos hacer?

Excluir

Integrar

Diferenciar



Aproximaciones regulatorias

- › Japón, pionero
- › Europa
- › USA
 - › Modelo “Uniform Law Commision”
- › Criterios claros
 - › ¿Quién es regulado?
 - › Excepciones claras

¿Qué podemos afirmar?

- › Puede ser usado como dinero
- › Registro **PÚBLICO** y **PERMANENTE**
- › Ecosistema en desarrollo
- › Cooperación sector público – privado
- › Cooperación internacional

Gracias...



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