

# 가 :

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  - : “Blockchain and value systems in the sharing economy: The illustrative case of Backfeed” (2017.5.25)
  - :
  - :
  - : Technological Forecasting and Social Change 125(2017)
- 

# 가 :



## 4.1 ( ) (“[r]evolution”)

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(Davidson et al., 2016).

(backbone)

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(Wright and De Filippi, 2015:6).

(batches)

‘ (blocks)

—P2P

(Wright and De Filippi, 2015).

(Davidson et al., 2016)

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(Wright and De Filippi, 2015).

(Davidson et al., 2016; Tapscott and Tapscott, 2016).

(Swan, 2015). P2P  
2008),  
(nodes)

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(Nakamoto,

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’(proof of work)

(Davidson et al., 2016).

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가 (Wright and De Filippi, 2015).

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(Van Valkenburgh et al., 2014).

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(Wright  
and De Filippi, 2015).

## 4.2

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(Free and Open-Source Software),  
(OpenStreetMaps), (CouchSurfing),  
(WikiHouse)

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(Fuster Morell et al., 2014).

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(Arvidsson et al., 2016).

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(Bauwens, 2011; Johnson, 2011).

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(reputation)

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(Reilly, 2010).

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(Reason & Bradbury, 2008).

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(Reilly, 2010).

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          (Decentralised Cooperation, DC)

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(          ,          ,          ) ‘          ’(stigmergy,          )

(Davidson et

al., 2016; Marsh and Onof, 2007).

(peers,          가          )

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(Davidson et al., 2016).

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75% (mining pools) 가  
(Blockchain.info, 2017).

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(Wikimedia Foundation, 2011).

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