

Sharism In Real Time/Space

@isaac

2014

Origin

share (ʃɛə)

Origin:

1325–75; Middle English (noun) cutting, division; Old English scearu fork of the body, groin; cognate with Dutch schaar, German Schar troop. See [shear](#)

First Known Use: before 12th century

Noun

- [S:](#) (n) share, [portion](#), [part](#), [percentage](#) (assets belonging to or due to or contributed by an individual person or group) "he wanted his share in cash"
- [S:](#) (n) share (any of the equal portions into which the capital stock of a corporation is divided and ownership of which is evidenced by a stock certificate) "he bought 100 shares of IBM at the market price"

Verb

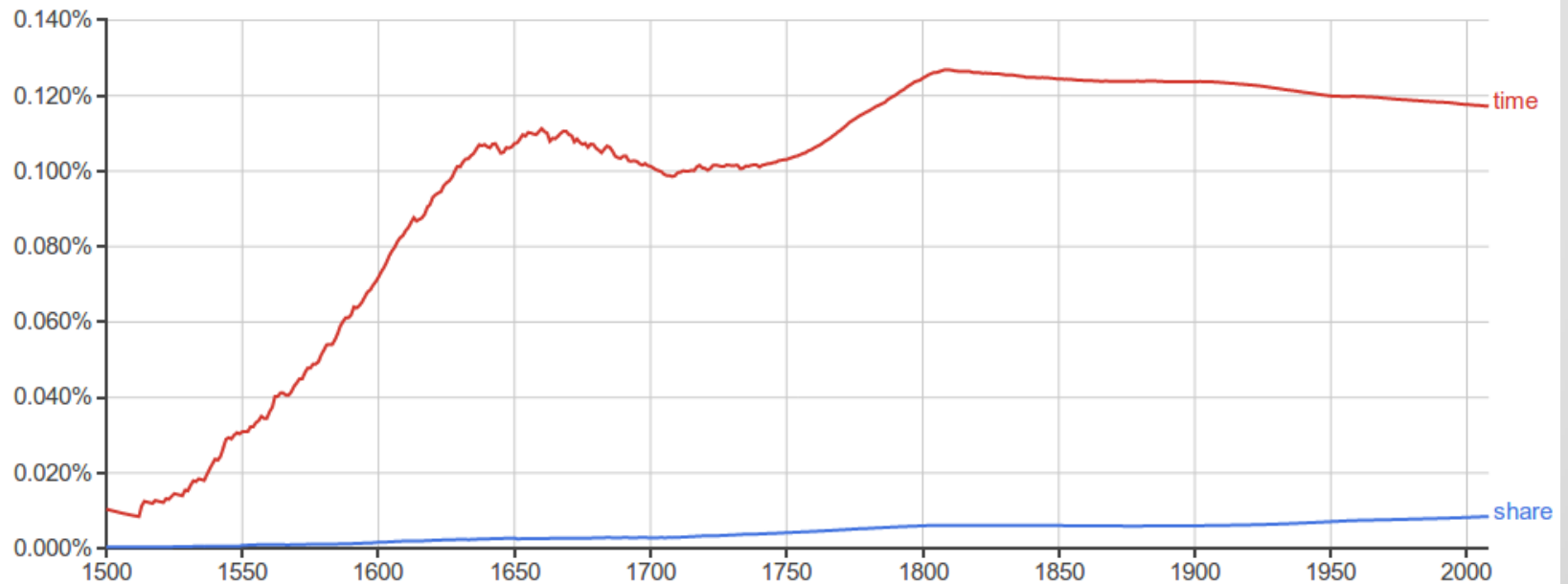
- [S:](#) (v) share (have in common) "Our children share a love of music"; "The two countries share a long border"
- [S:](#) (v) share (use jointly or in common)
- [S:](#) (v) [partake](#), share, [partake in](#) (have, give, or receive a share of) "We shared the cake"
- [S:](#) (v) share, [divvy up](#), [portion out](#), [apportion](#), [deal](#) (give out as one's portion or share)
- [S:](#) (v) share (communicate) "I'd like to share this idea with you"

Share v.s. Time

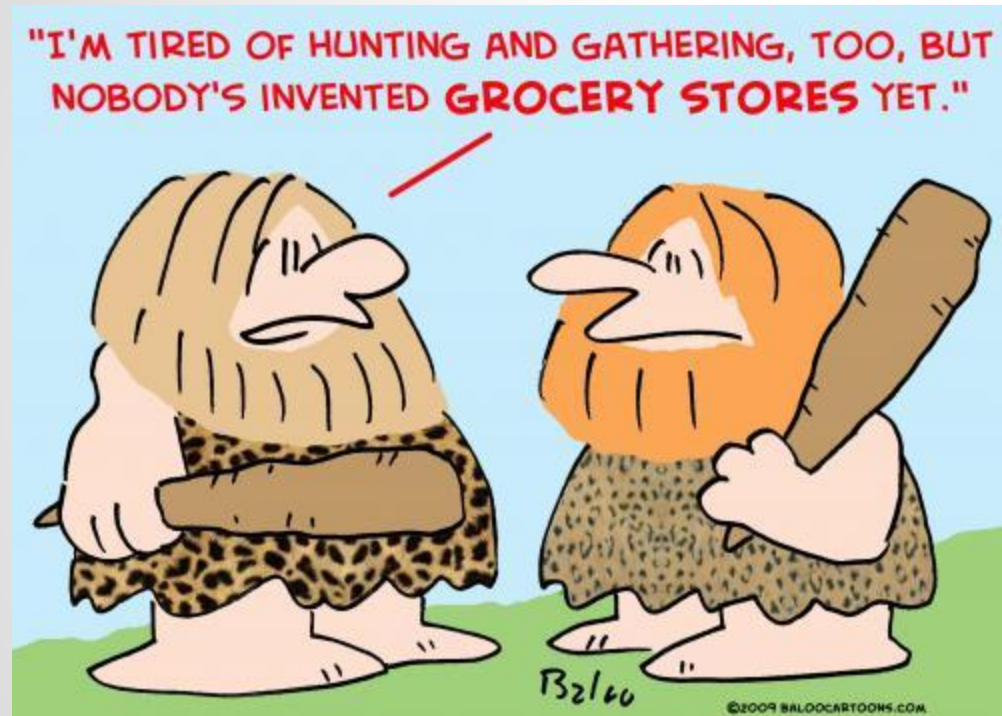
Google books Ngram Viewer

Graph these comma-separated phrases: ☐ case-insensitive

between and from the corpus with smoothing of . [Search lots of books](#)

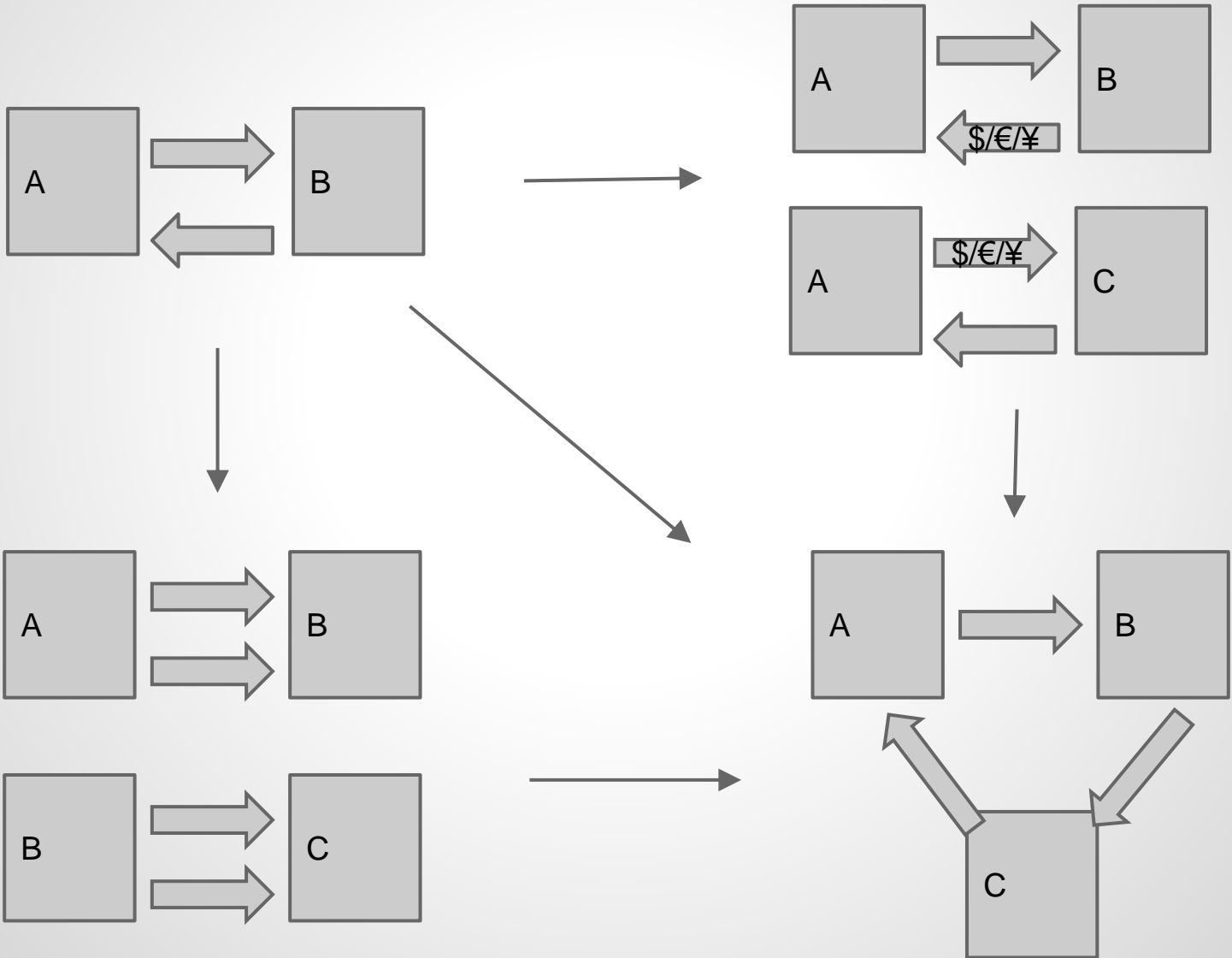


Sharism as Exaptation



From early days, we learnt how to share foods, language, and ideas. Then there's Homo Sapien.

Paradigm Shift



Philosophical Dilemma

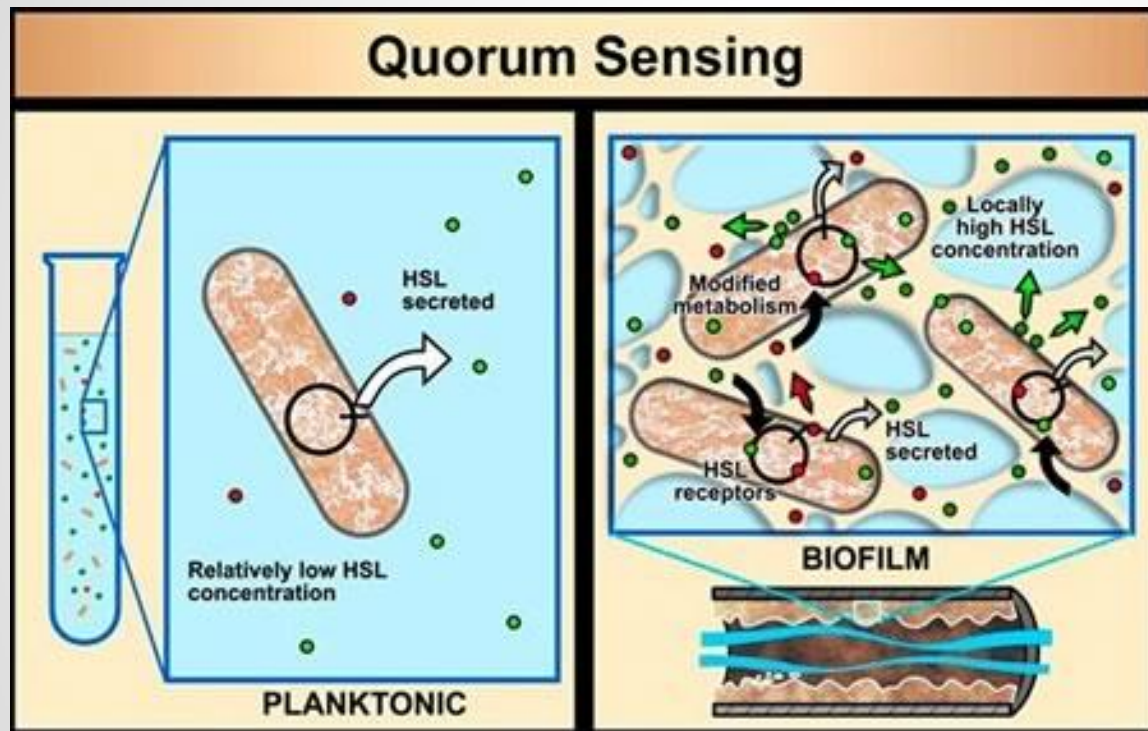
Deoxyribonucleic Acid (DNA)

Selfish Gene?



Egoism v.s. Altruism

Sharing as Cause of Evolution?

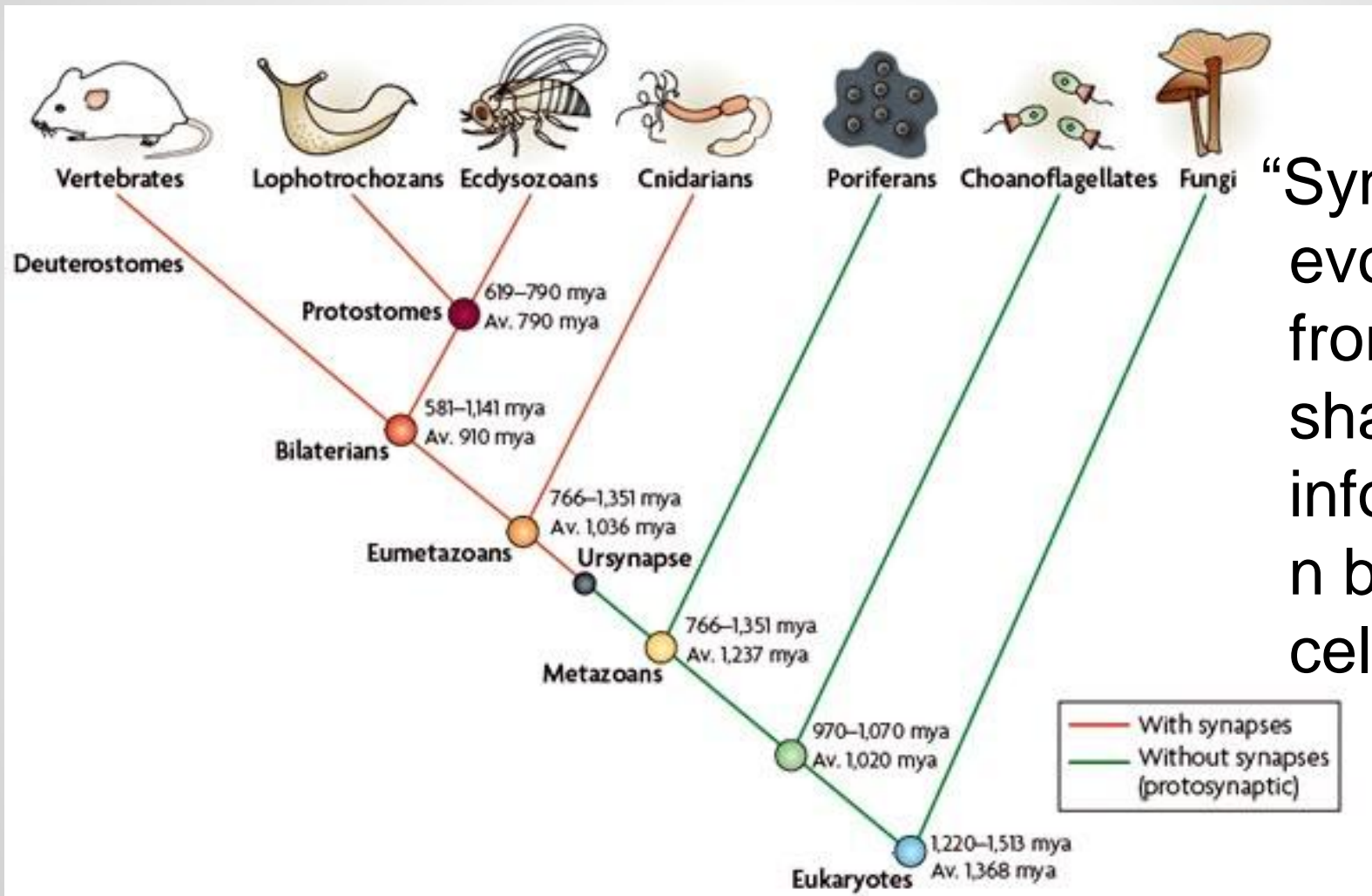


Bacterium
send and
receive
signals and
change
their
behavior
accordingly

from Miller MB1, Bassler BL. 2001, [Quorum sensing in bacteria](#)

Tendency of Sharing...

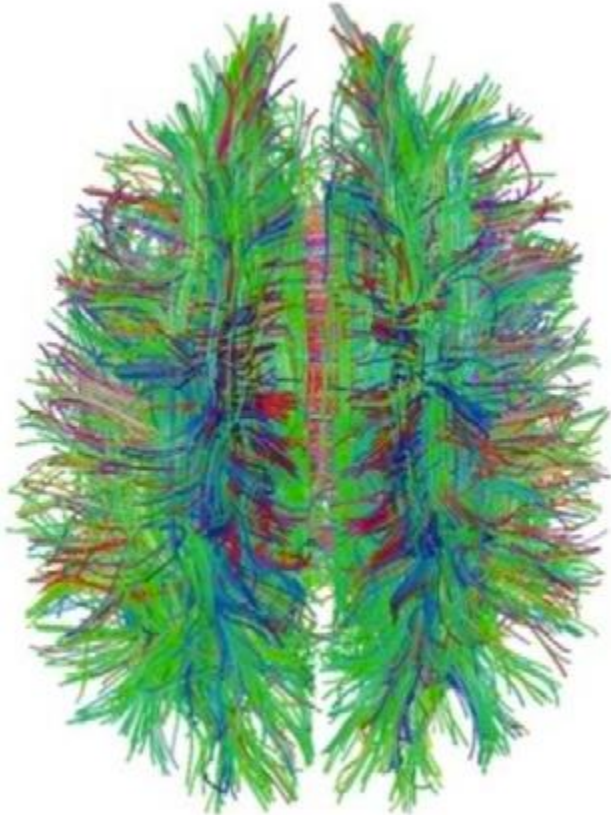
Consolidated... as Neurons



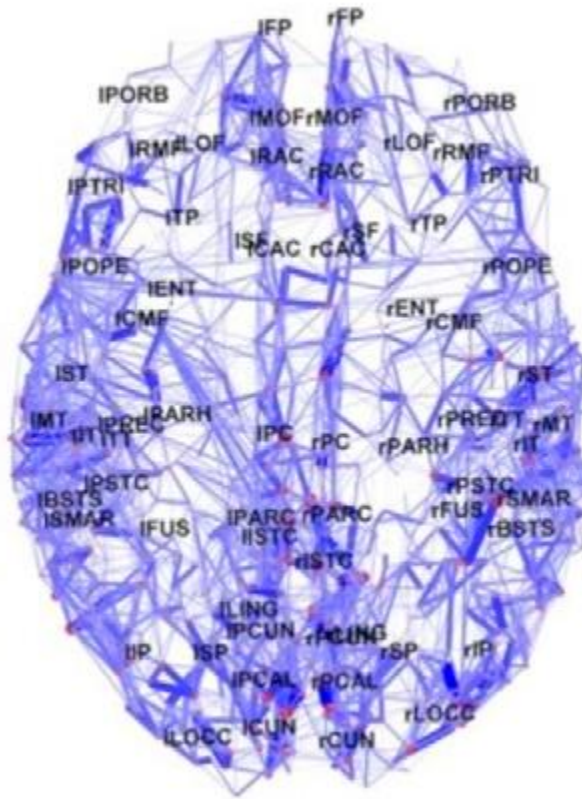
“Synapses evolved from sharing information between cells”

from: Ryan & Grant. 2009. The origin and evolution of synapses.

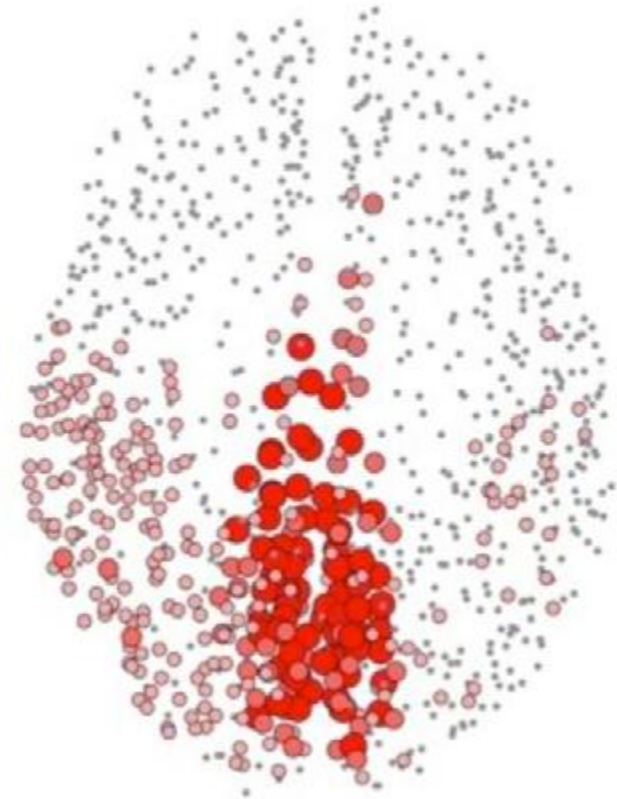
We Are Here: Human Brain



fiber connectome



structural connectome



core hubs

Wiring and Rewiring



Newborn



1 Month



9 Months

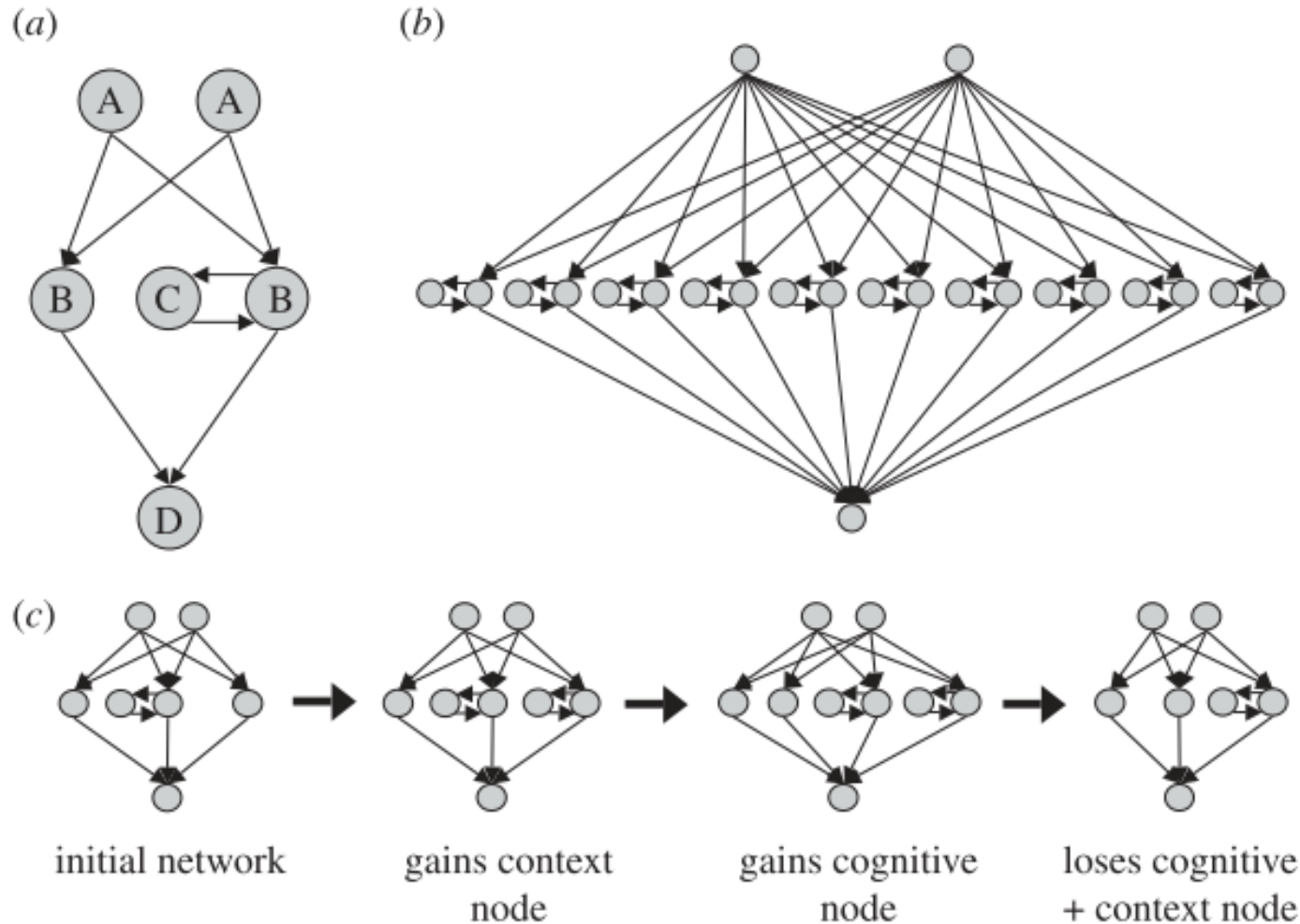


2 Years

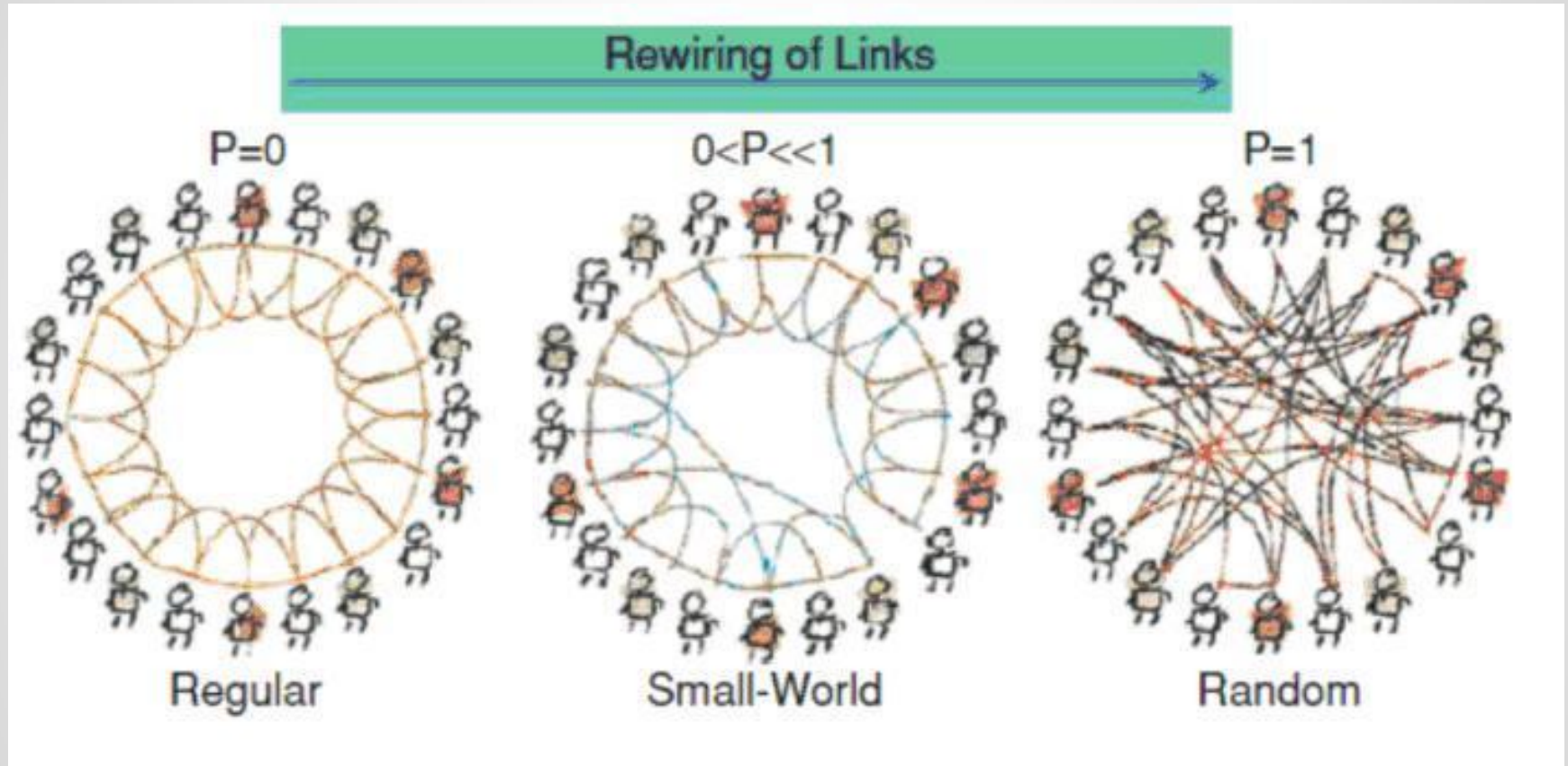


Adult

Intelligence from Wiring-Rewiring

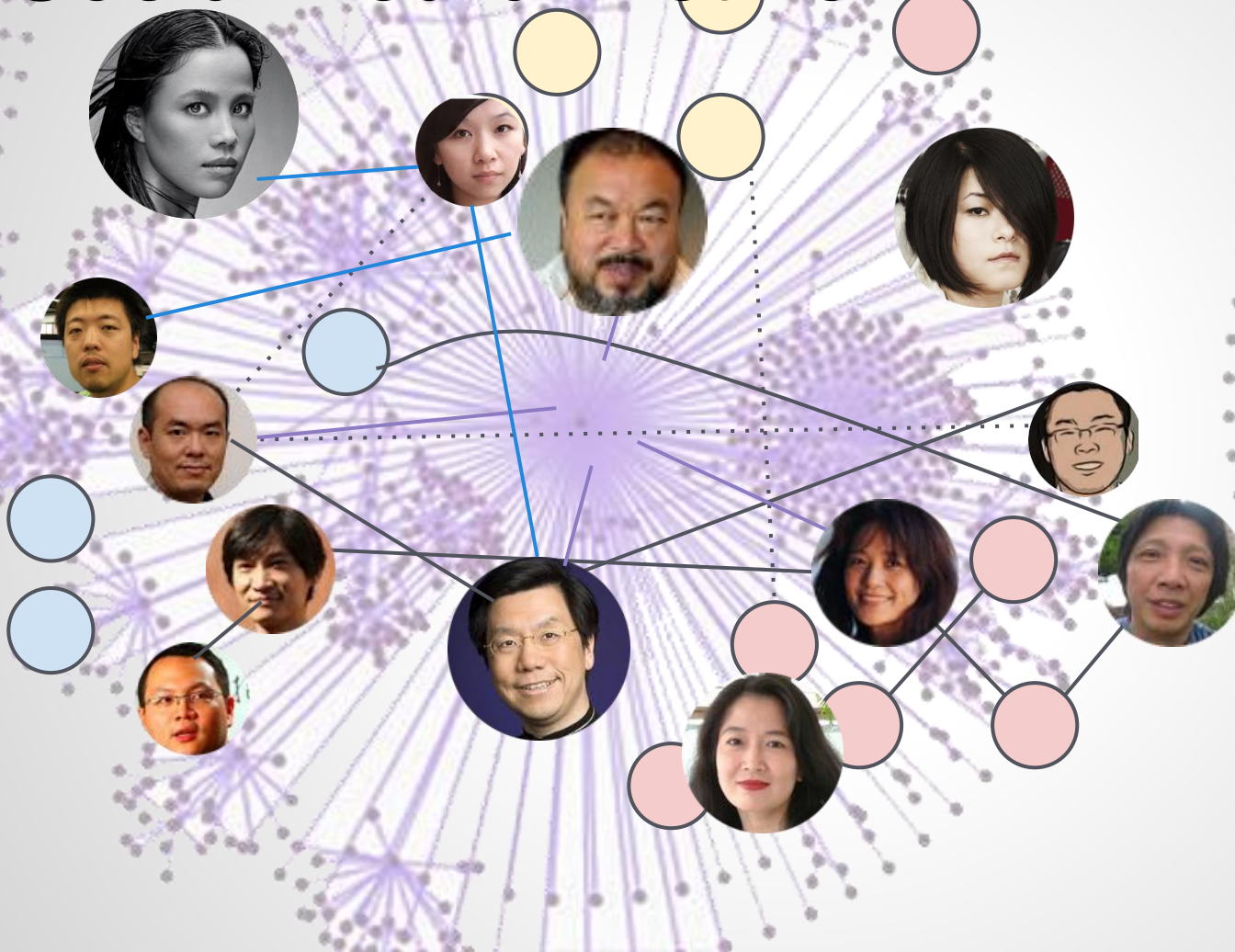


Social Network



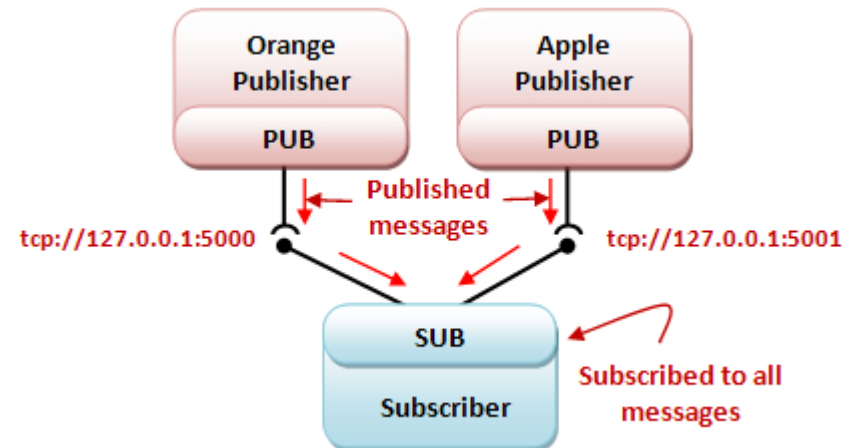
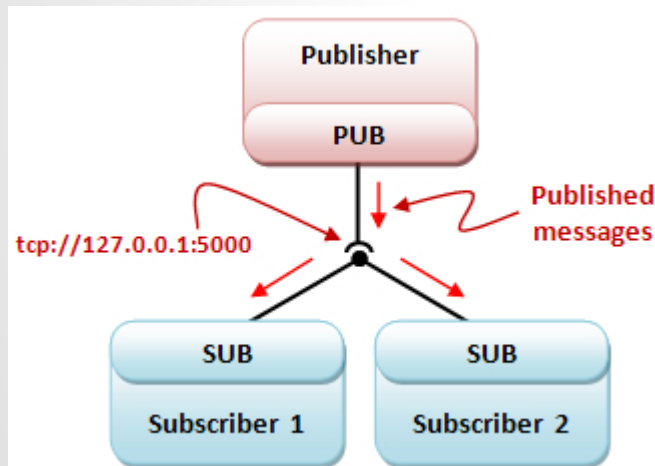
Reluctant of Sharing...

Social Neural Network

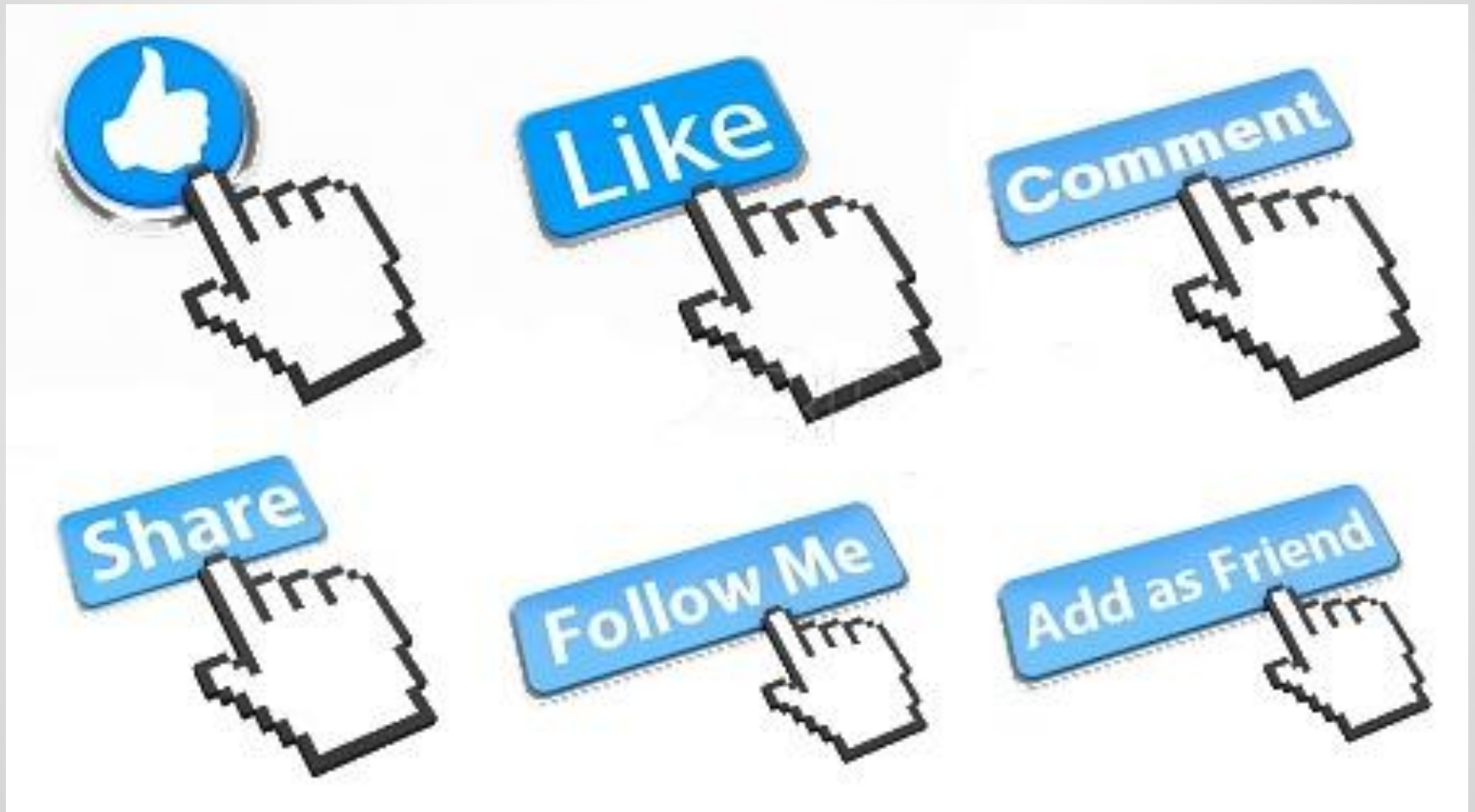


Blogging/RSS as Foundation of Social Media

Subscription/Publication model



Visible Rewiring



Meme as Social Neural Transmitter

A Brief History of RT

RT is the short format of Re-tweeting, means share a tweet to one's social network but indicating the meme is created by sc in my early days using Twitter as a social media experiment. Eventually, it was adopted by millions of users....

The following two tweets in June,2008 are the first uses of "RT" as neat format of "Re-tweeting" in twitter sphere.



Isaac Mao
@isaac

rt @buchimifan 在味千读完今天的《经观》两大版司马南老师专访。鉴定完毕，此人是个投机分子加政治流氓，逻辑混乱不堪，强词夺理，信口雌黄。完全是一副小人的德行。

5 YEARS AGO REPLY RETWEET FAVORITE



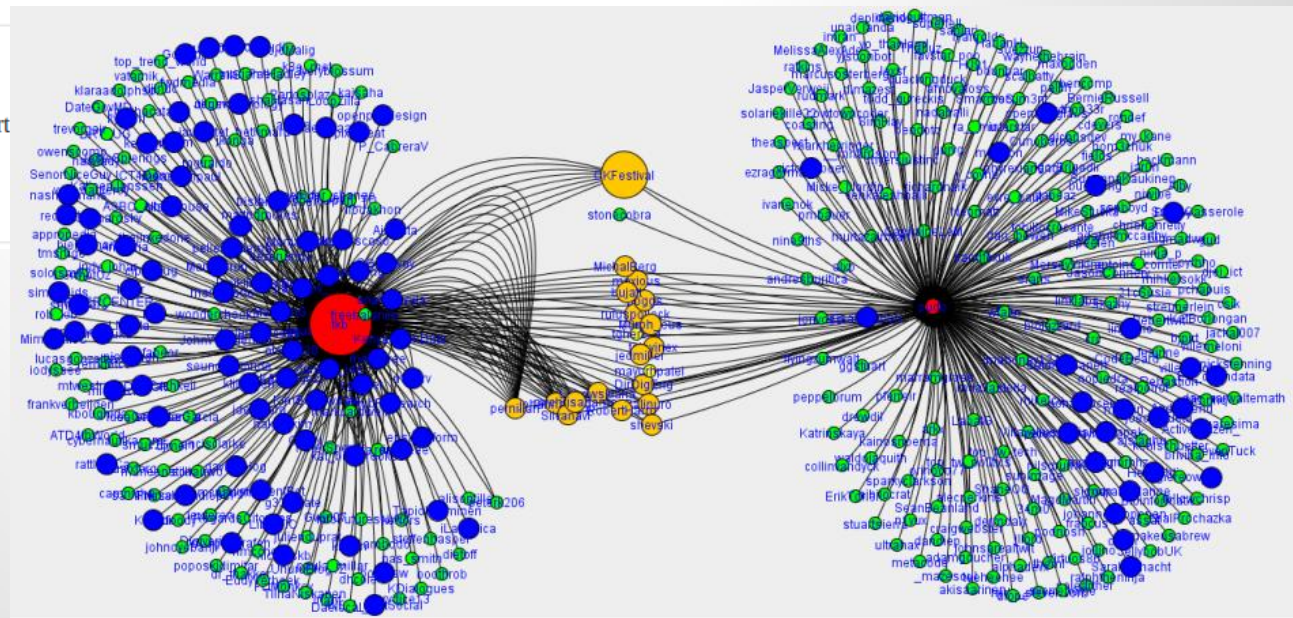
link1 link2



Isaac Mao
@isaac

rt @feng37 rt @lokman rt @davesgonechina rt
twitterers: <http://tinyurl.com/67mes7>

5 YEARS AGO REPLY RETWEET FAVORITE





Ellen DeGeneres ✓

@TheEllenShow



Follow

If only Bradley's arm was longer.
Best photo ever. [#oscars](#)
pic.twitter.com/C9U5NOtGap

Reply Retweet Favorite Buffer More



RETWEETS

3,369,982

FAVORITES

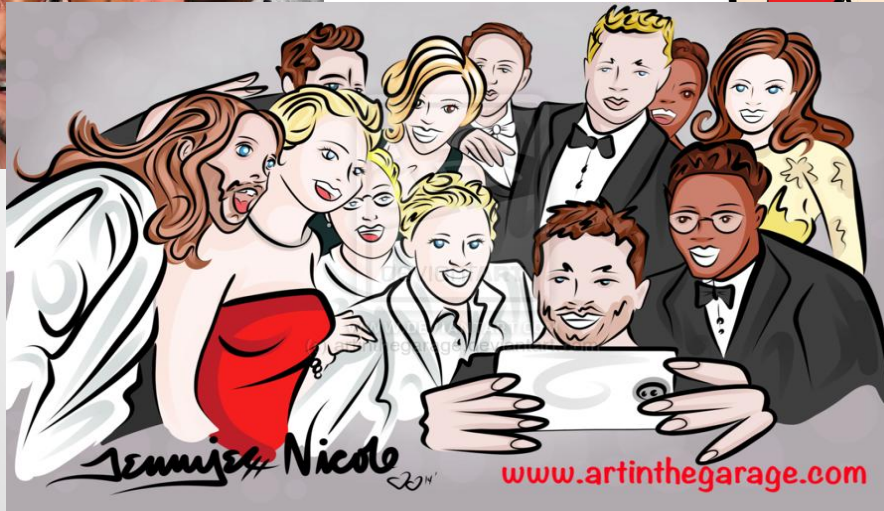
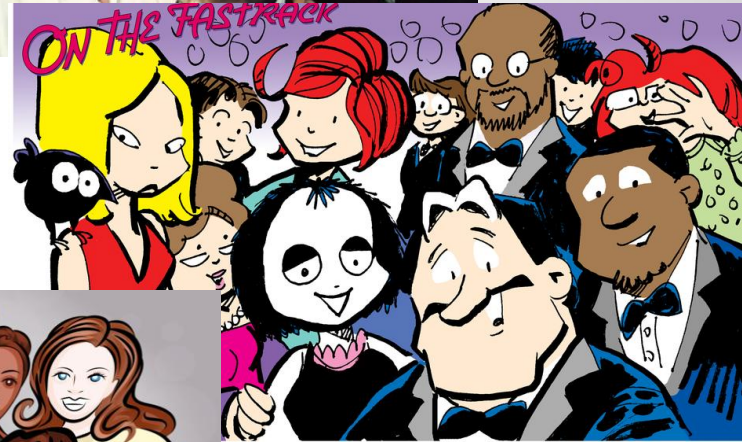
1,931,255







iain heath | [flickr.com/ochre_jelly](https://www.flickr.com/photos/ochre_jelly/)



50 Billion More Nodes, by 2025



*Vehicle, asset, person & pet
monitoring & controlling*



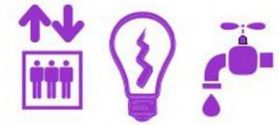
Agriculture automation



Energy consumption



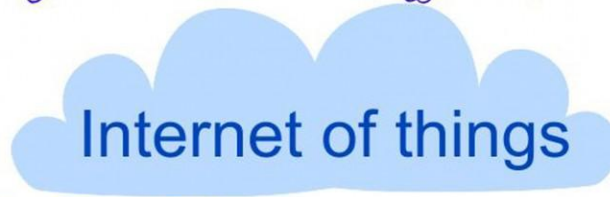
*Security &
surveillance*



Building management



*Embedded
Mobile*



Everyday things
get connected  for smarter
tomorrow



*M2M & wireless
sensor network*



Everyday things



Smart homes & cities



Telemedicine & healthcare

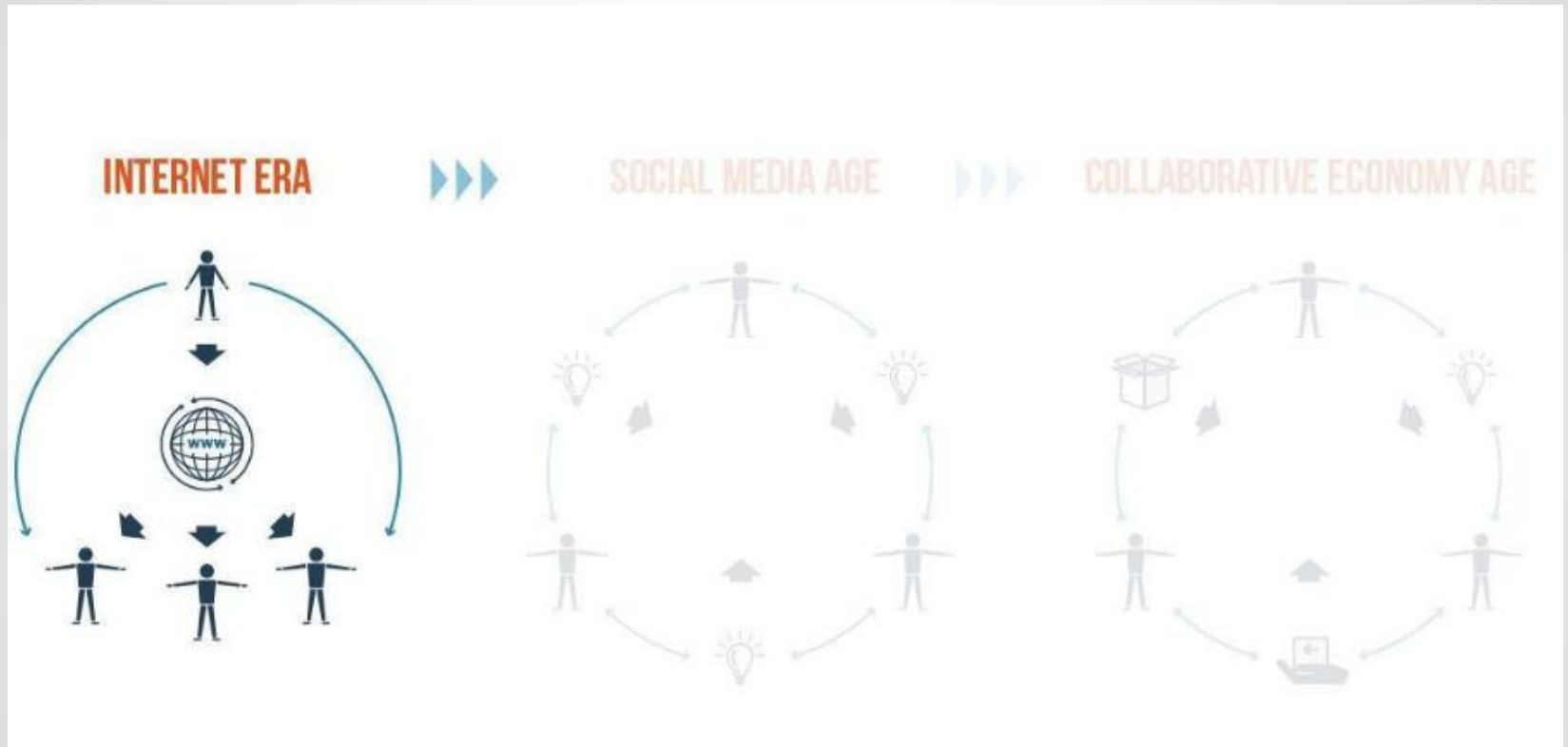
Sharing As the Core of Tech Growth



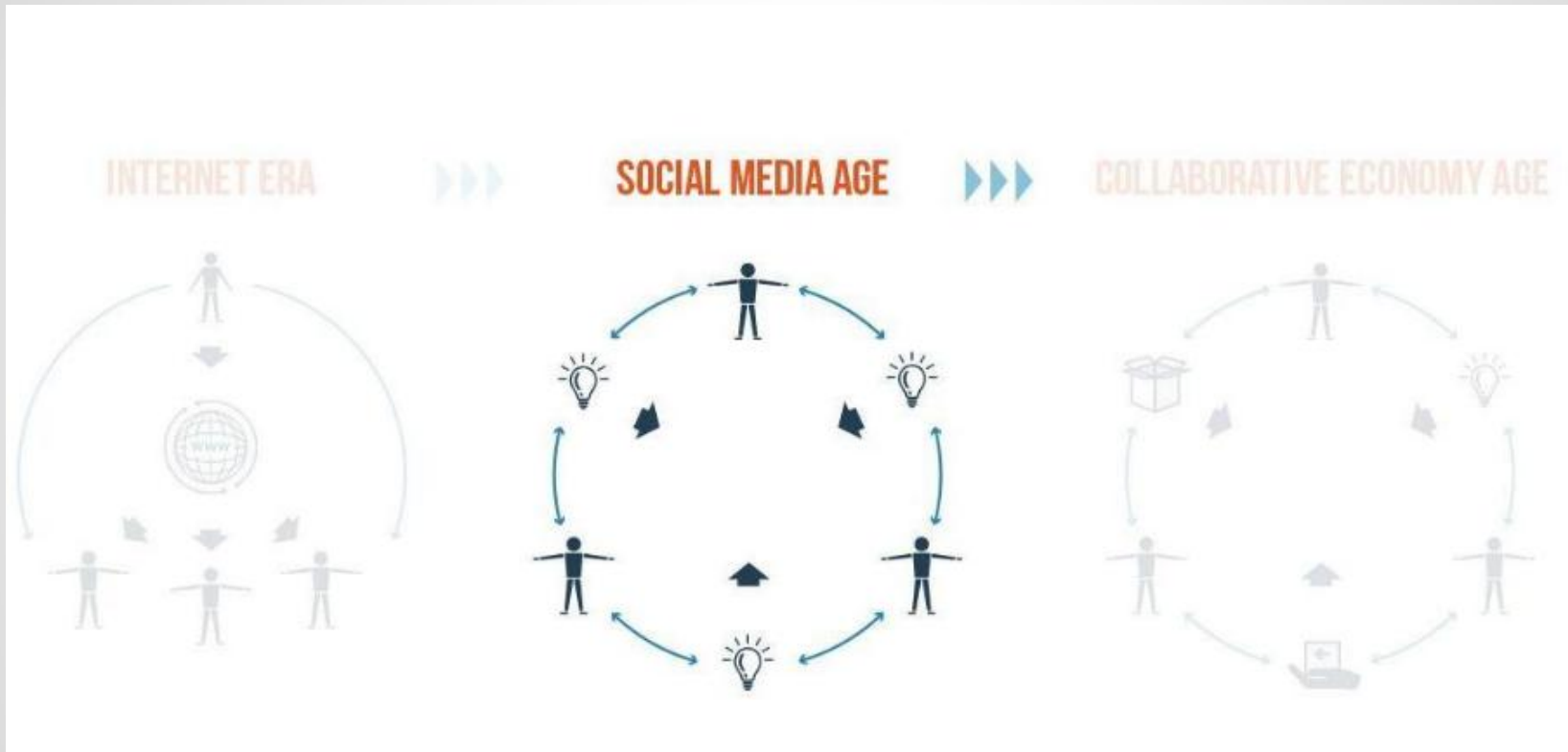
New Endeavors



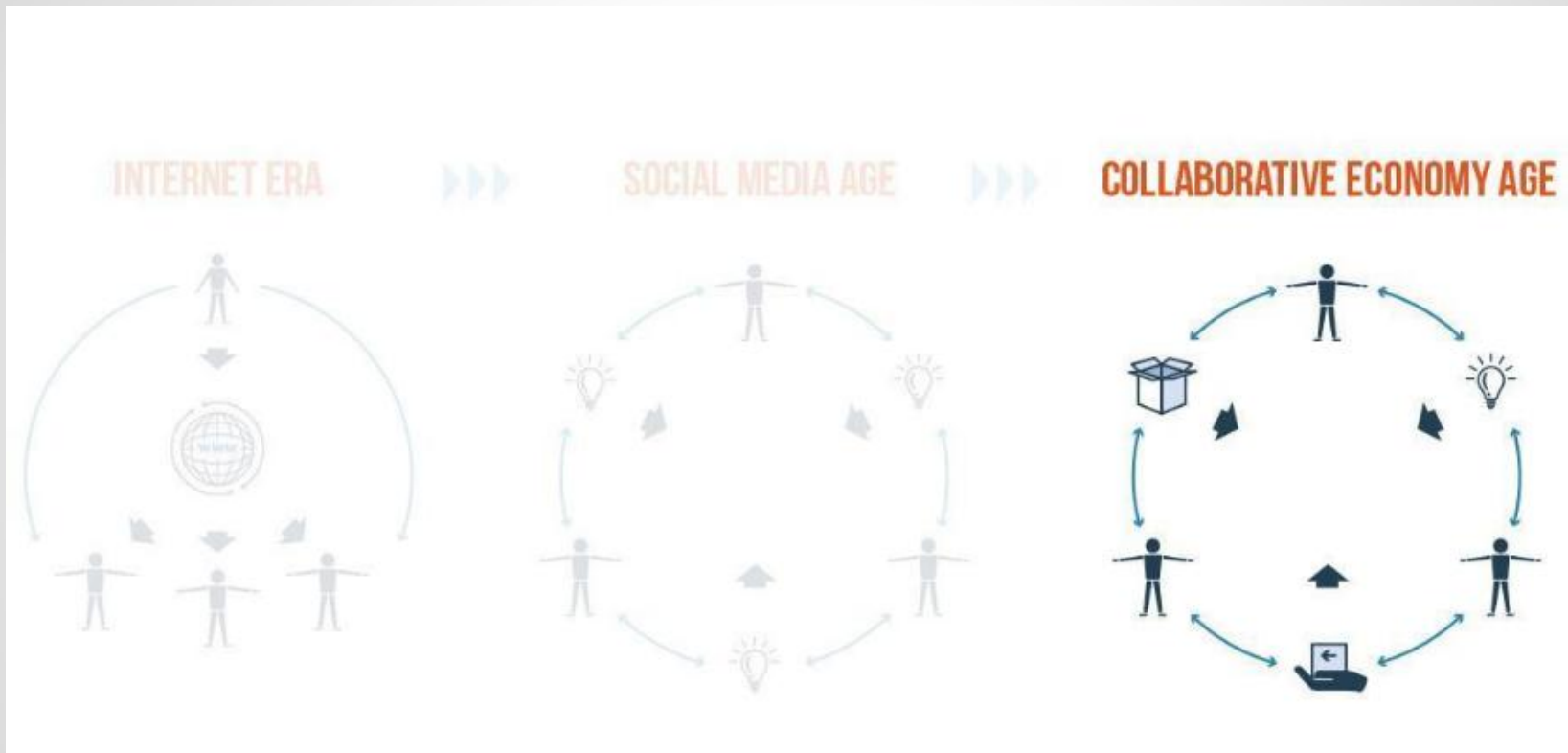
Economic Model Change



Economic Model Change



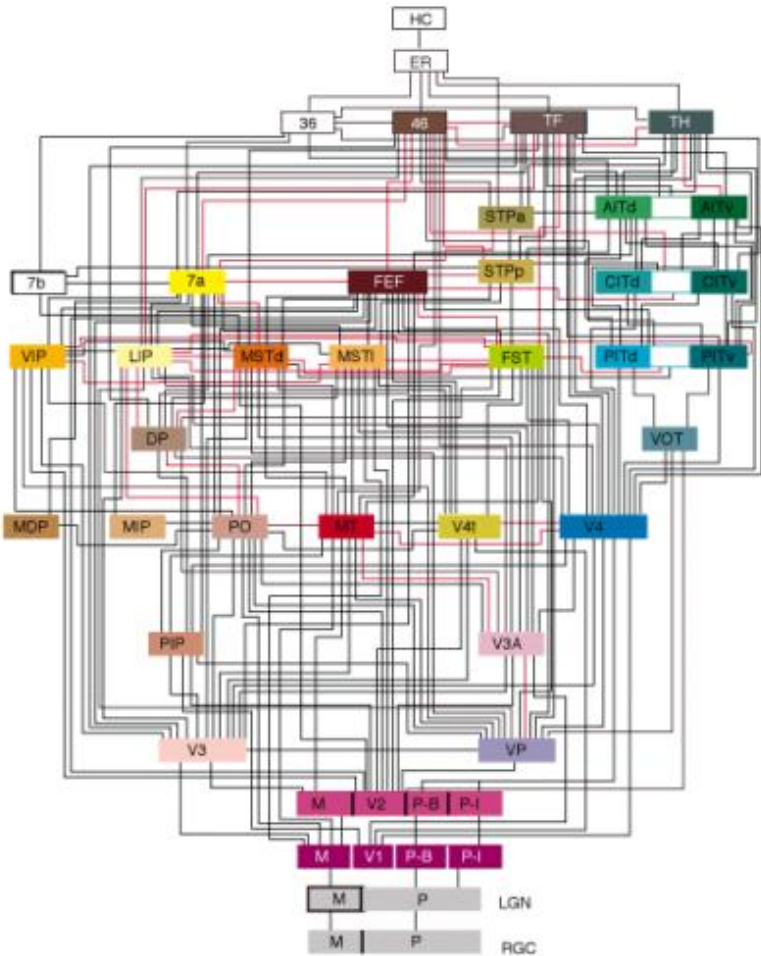
Economic Model Change



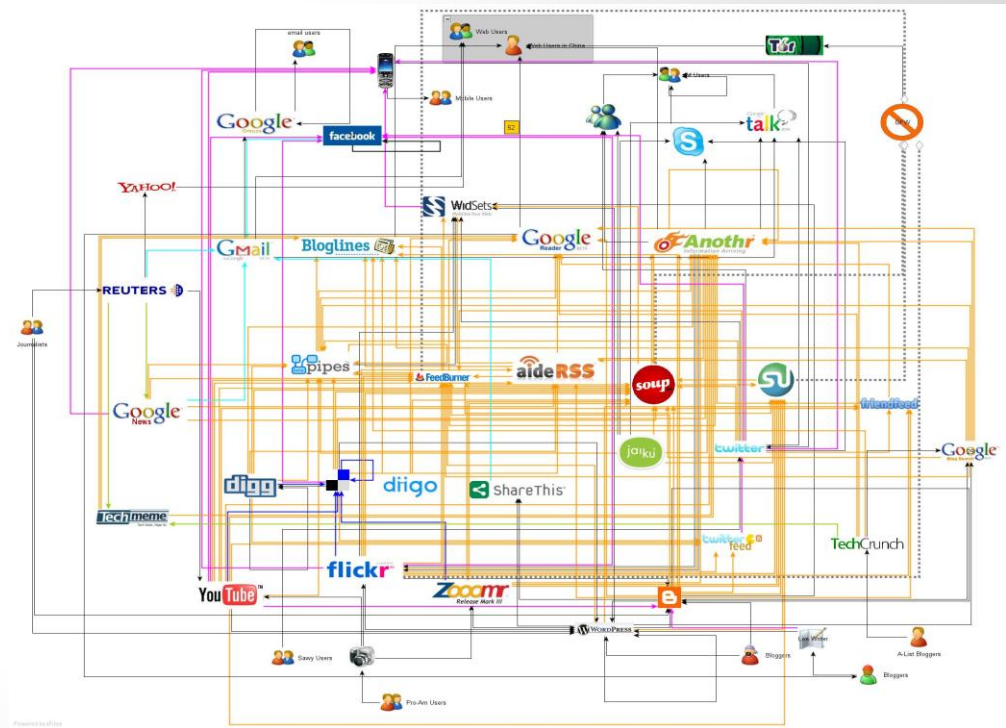
Let's Share More Soon?

@isaac

Neural Network v.s. Social Pipeline

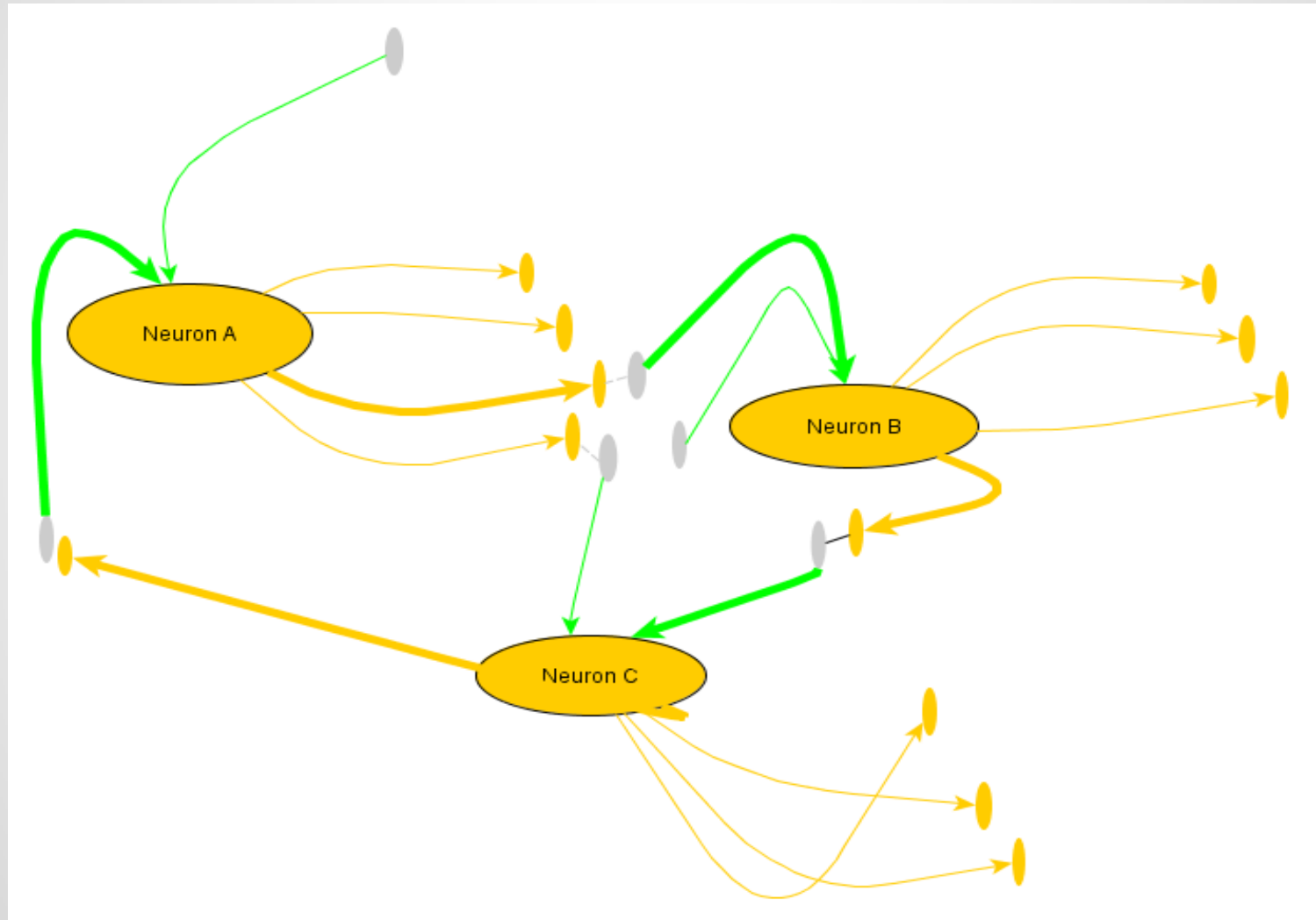


Interregional connectivity of macaque visual cortex
(Felleman and Van Essen, 1991)

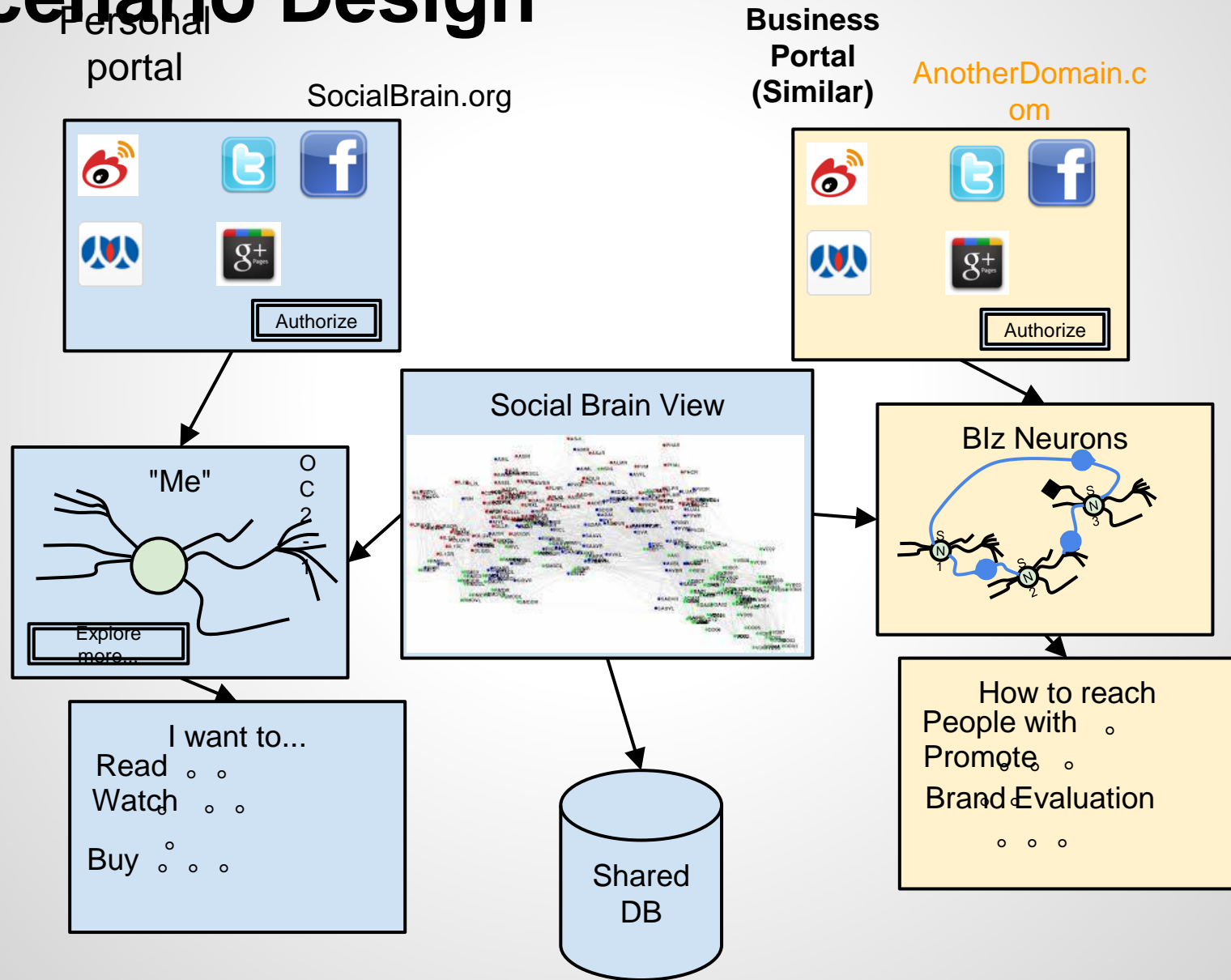


Social Media Pipeline
(Isaac Mao, 2010)

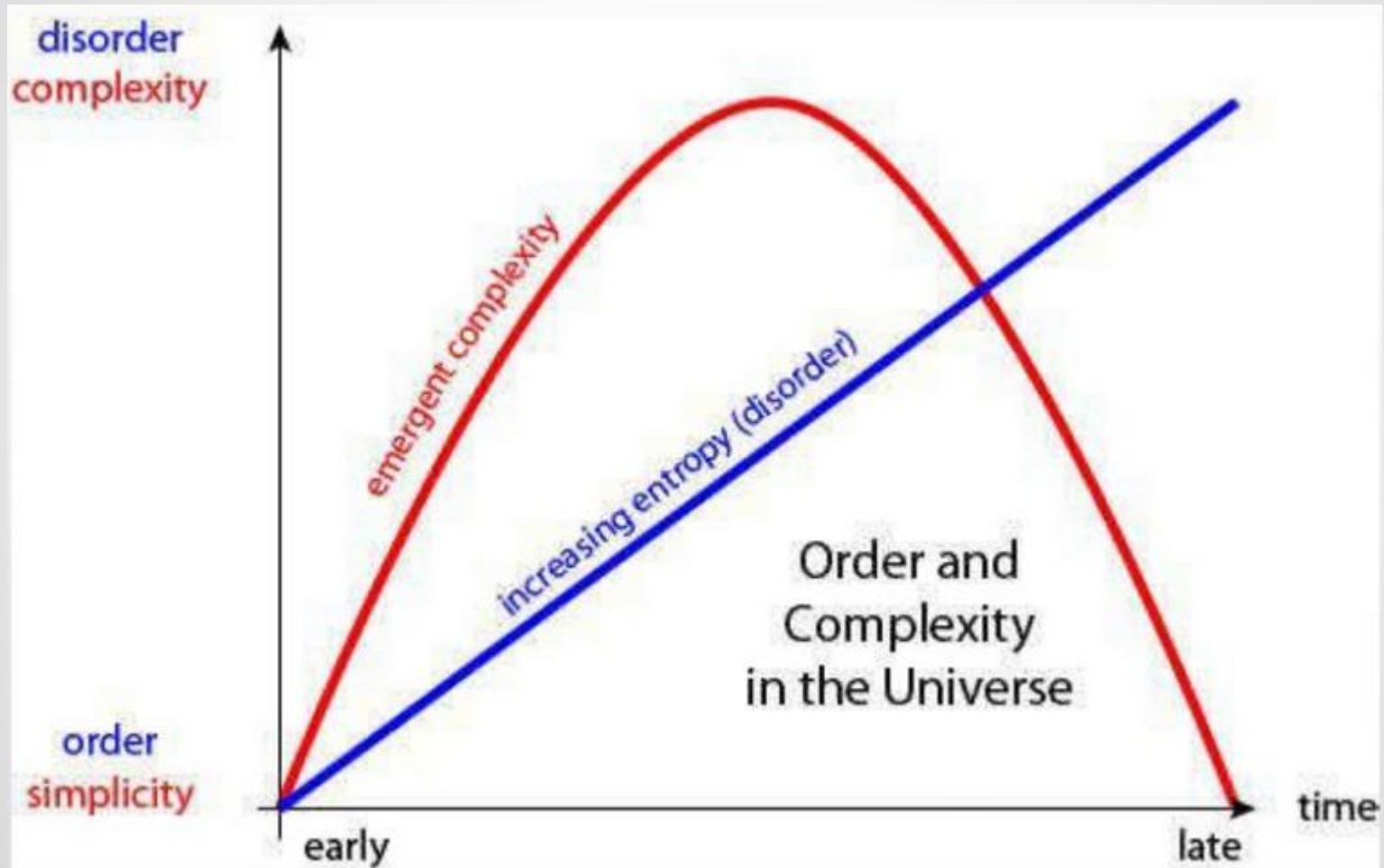
Social Neuron



Scenario Design

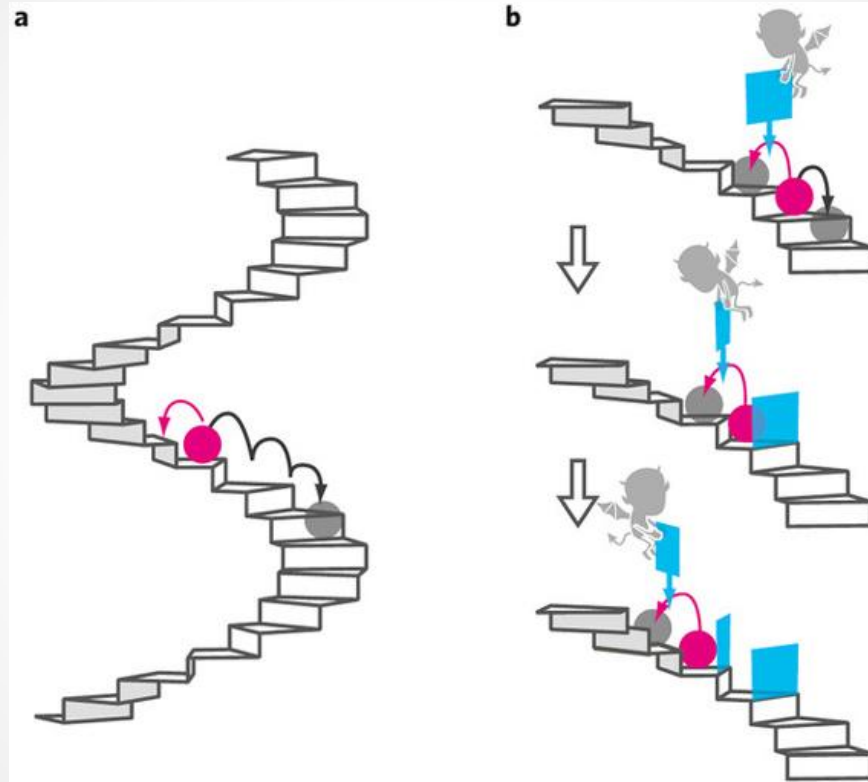


Will We be More Intelligent, or Doomed?



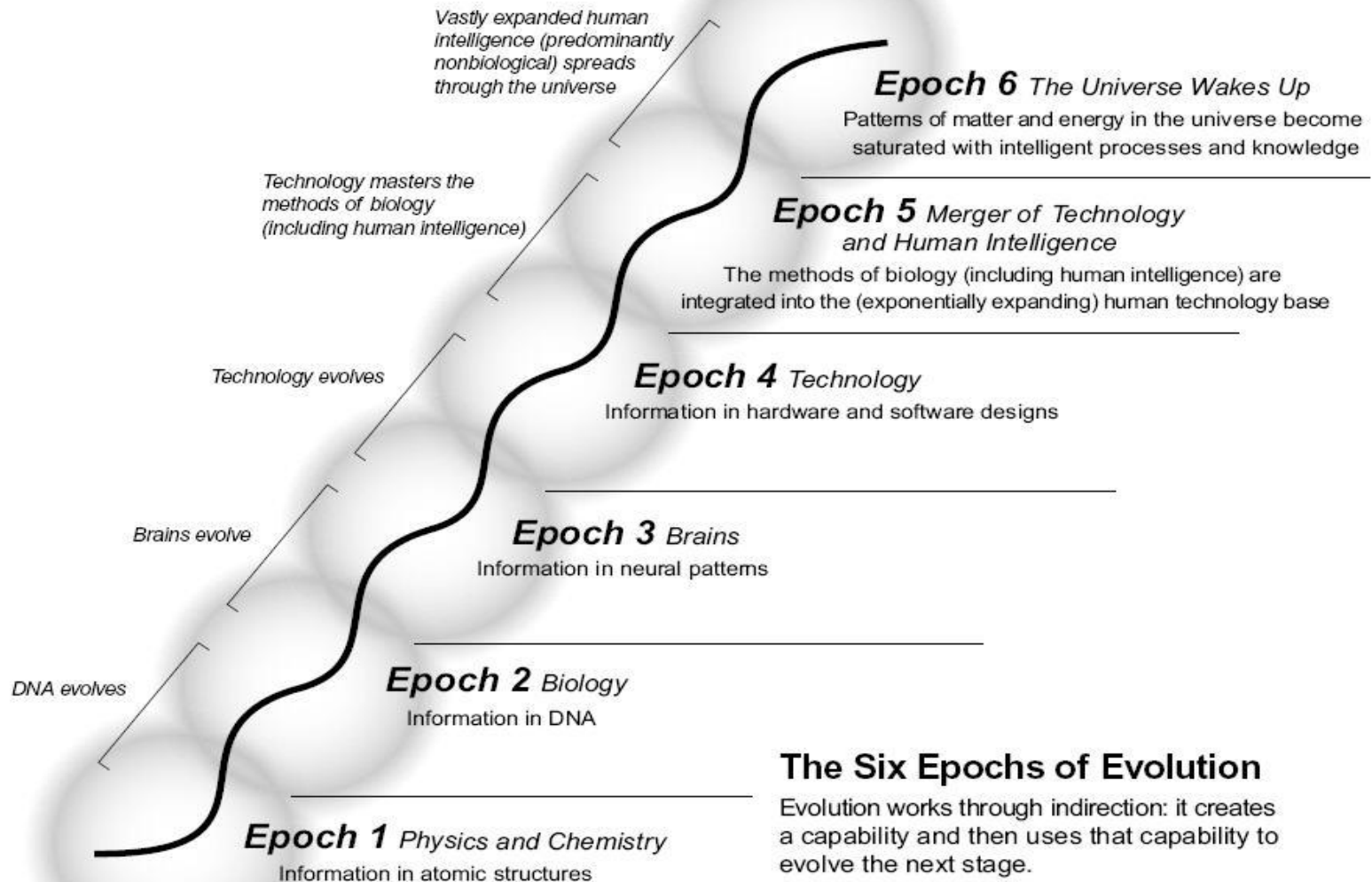
Bits Moves Atom?

from
intelligen
ce to
real
world

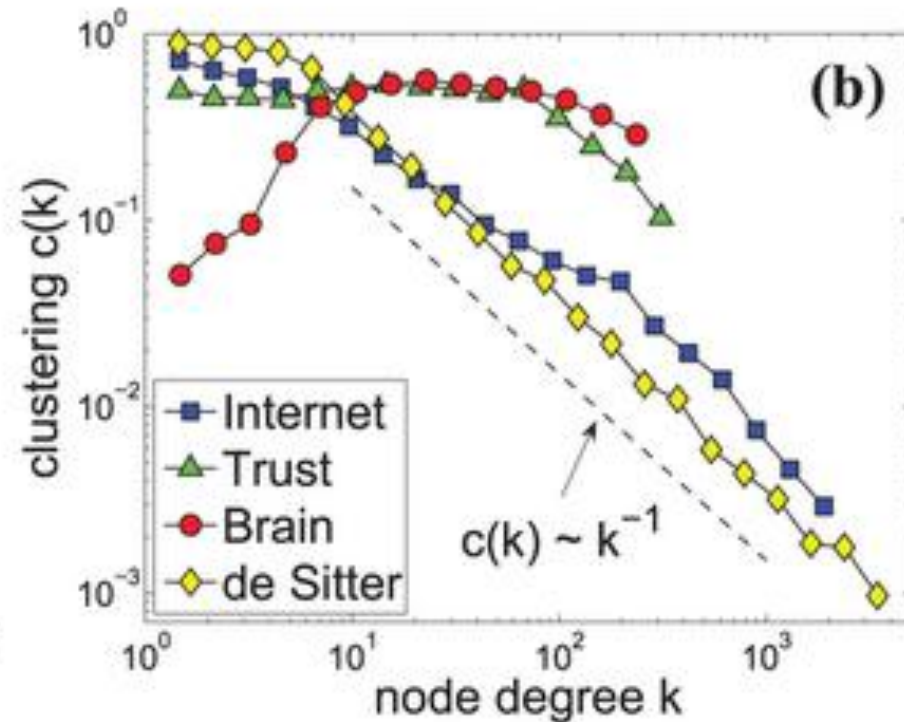
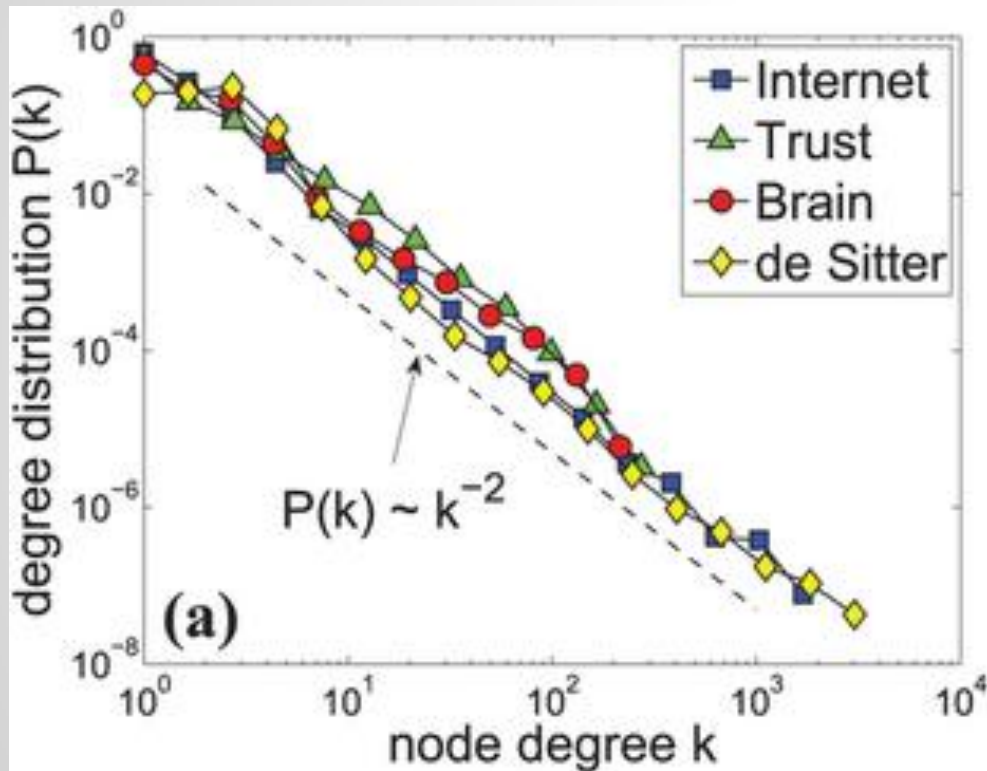


missing link between
two entropies

Maybe Kurzweil is Correct



Unified Theory?



It's Still Happening

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