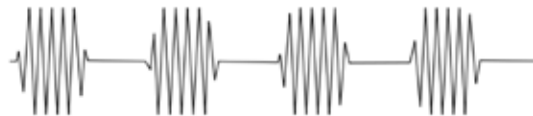rural

NEUROTICA

vol. 3

Isochronic tones are regular beats of a single tone that are used alongside monaural beats and binaural beats in the process called brainwave entrainment. At its simplest level, an isochronic tone is a tone that is being turned on and off rapidly. They create sharp, distinctive pulses of sound.

F T
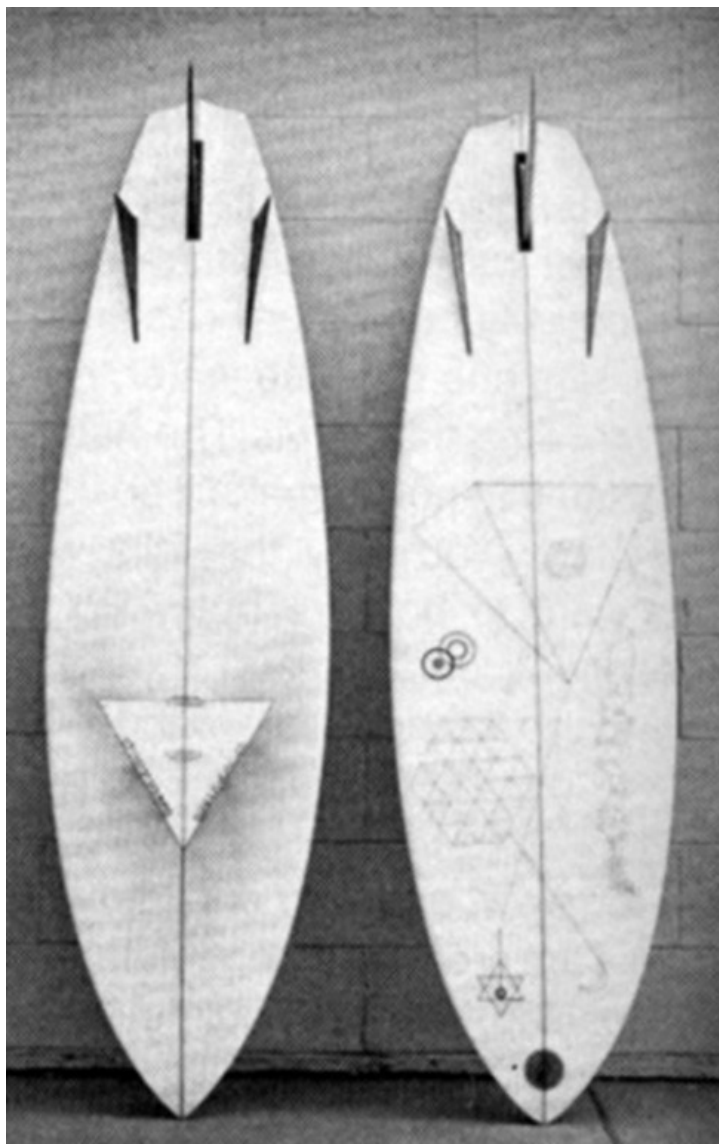C H
6 ACG

How Online Mobs Act Like Flocks Of Birds

A growing body of research suggests human behavior on social media is strikingly similar to collective behavior in nature.

The virtual world was unconstrained by the limits of physical space or human cognition, but it was anchored to commercial incentives. Once people had exhaustively connected with their real-world friend networks, the platforms were financially incentivized to help them find whole new flocks in order to maximize the time they spent engaged on site. Time on site meant a user was available to be served more ads; activity on site enabled the gathering of more data, the better to infer a user's preferences in order to serve them just the right content — and the right ads. People You May Know recommendation algorithms nudged us into particular social structures, doing what MIT network researcher Sinan Aral calls the "closing of triangles:" suggesting that two people with a mutual friend in common should be connected themselves.
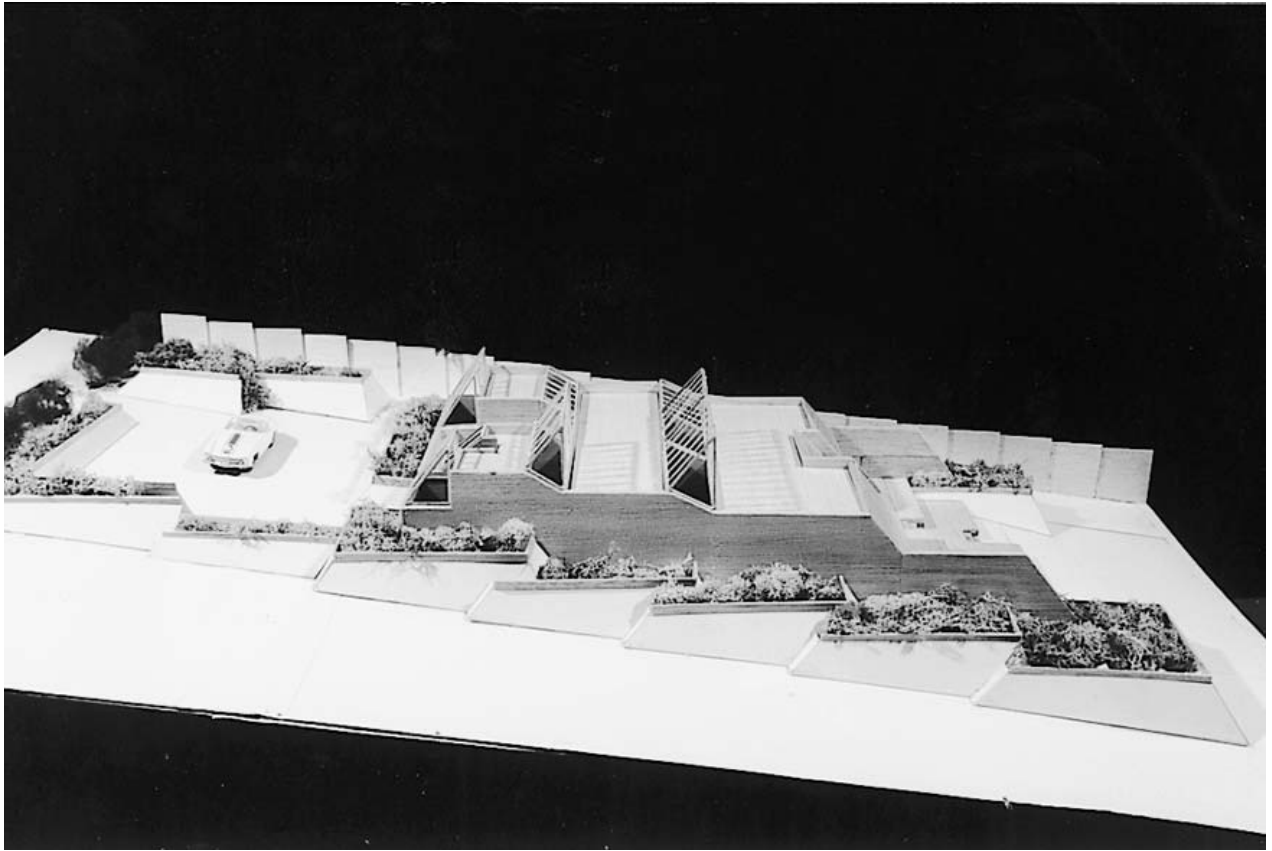
be with me

Letter	Phonetic Word
A	Alpha
B	Bravo
C	Charlie
D	Delta
E	Echo
F	Foxtrot
G	Golf
H	Hotel
I	India
J	Juliet
K	Kilo
L	Lima
M	Mike
N	November
O	Oscar
P	Papa
Q	Quebec
R	Romeo
S	Sierra
T	Tango
U	Uniform
V	Victor
W	Whiskey
X	X-Ray
Y	Yankee
Z	Zulu

The Drake equation

In 1961, astrophysicist Frank Drake set out a formula to roughly estimate the number (N) of advanced, detectable civilisations likely to exist in the Milky Way galaxy:

N = R*x fp x ne x fe x fi x fc x L   where

R* = the rate of star formation in the Milky Way

fp = the fraction of those stars with planetary systems

ne = the average number of planets in each planetary system that can potentially support life

fe = the fraction of planets that could potentially support life which actually do

fi = the fraction of planets with life which develop intelligent life/civilisations

fc = the fraction of these civilisations which develop technologies with signs detectable in space
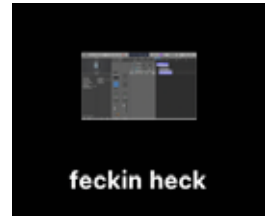
L = the length of time such civilisations release detectable signals into space

bbc.com · 13 min
Should extraterrestrial life be granted 'sentient' rights?
According to many of our cultural touchstones, there's only one thing for it if extraterrestrials ever take a cosmi...

feckin heck

Mexico City today

Aztec Ceremonial Complex

+ 0.00

- 60.00

- 100.00

- 140.00

- 180.00

- 220.00

- 260.00

- 300.00

10 STOREYS MUSEUM

10 STOREYS RETAIL

10 STOREYS LIVING SPACES

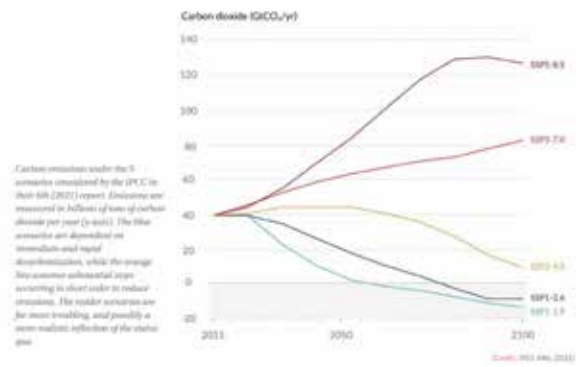35 STOREYS OFFICE SPACE

M&E

SECTION A-A
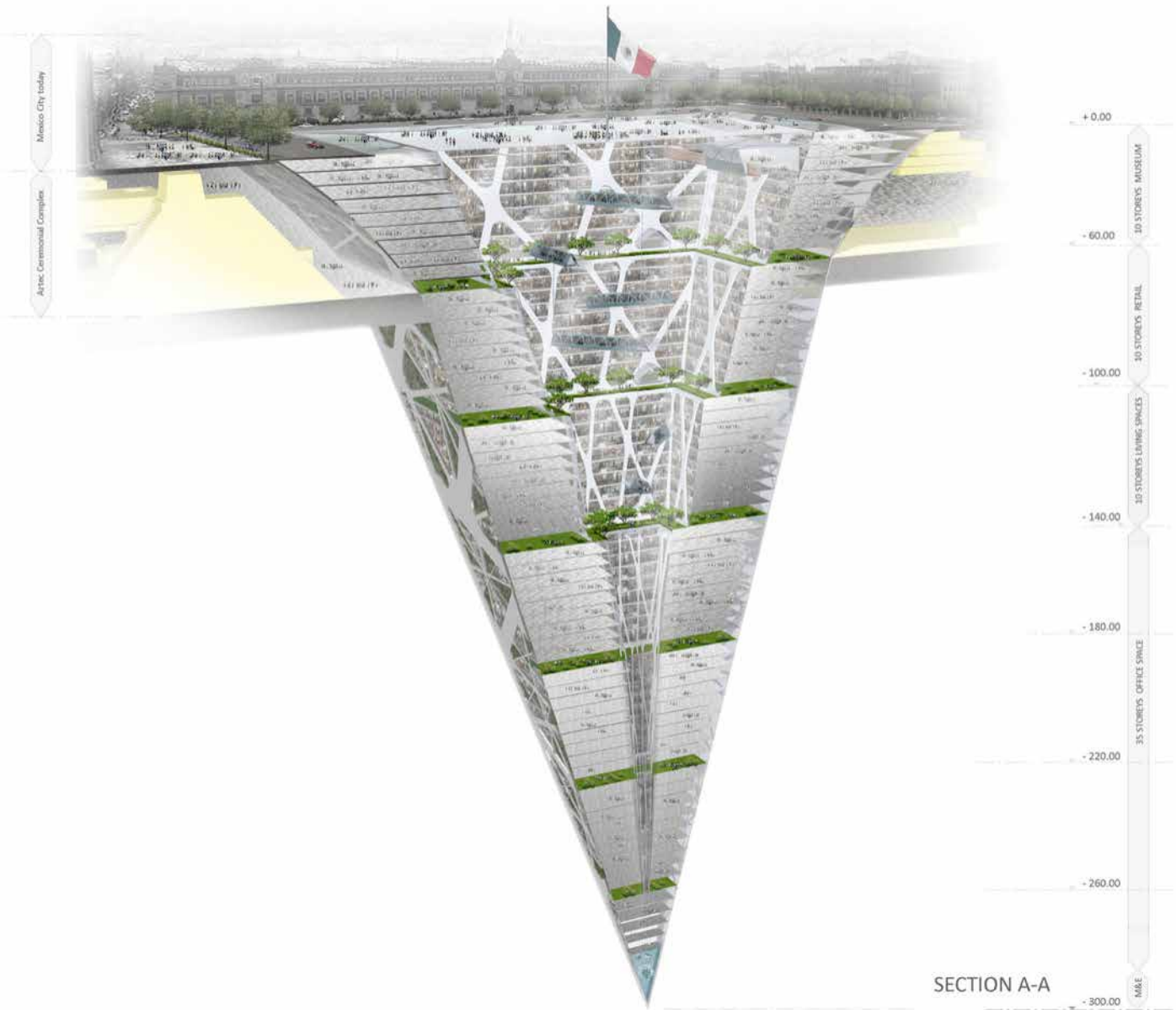
quantum

when two particles link together in a certain way

entanglement

 no matter how far apart they are in space.

A Paris-based startup called Neoplants aims to harness the natural air-filtering properties of plants and turn them up to 11. By genetically engineering both a pothos (*Epipremnum aureum*) plant and its associated root microbiome, the team behind Neoplants created an organism they claim is capable of doing the work of up to 30 air purifiers. The company's first high-tech houseplant, called Neo P1, recently hit the market.

Carbon dioxide (GtCO₂/yr)

Carbon emissions under the 5 scenarios considered by the IPCC in their 6th (2021) report. Emissions are measured in billions of tons of carbon dioxide per year (y-axis). The blue scenarios are dependent on immediate and rapid decarbonization, while the orange line assumes substantial steps occurring in short order to reduce emissions. The redder scenarios are far more troubling, and possibly a more realistic reflection of the status quo.

Lee Bontecou d. Nov. 8, 2022

Latitude		Longitude	
52.7431776	°	-9.5345151	°

Altitude	
0.958649	m

Physicists have designed a urinal that drastically reduces splashback

not if but when