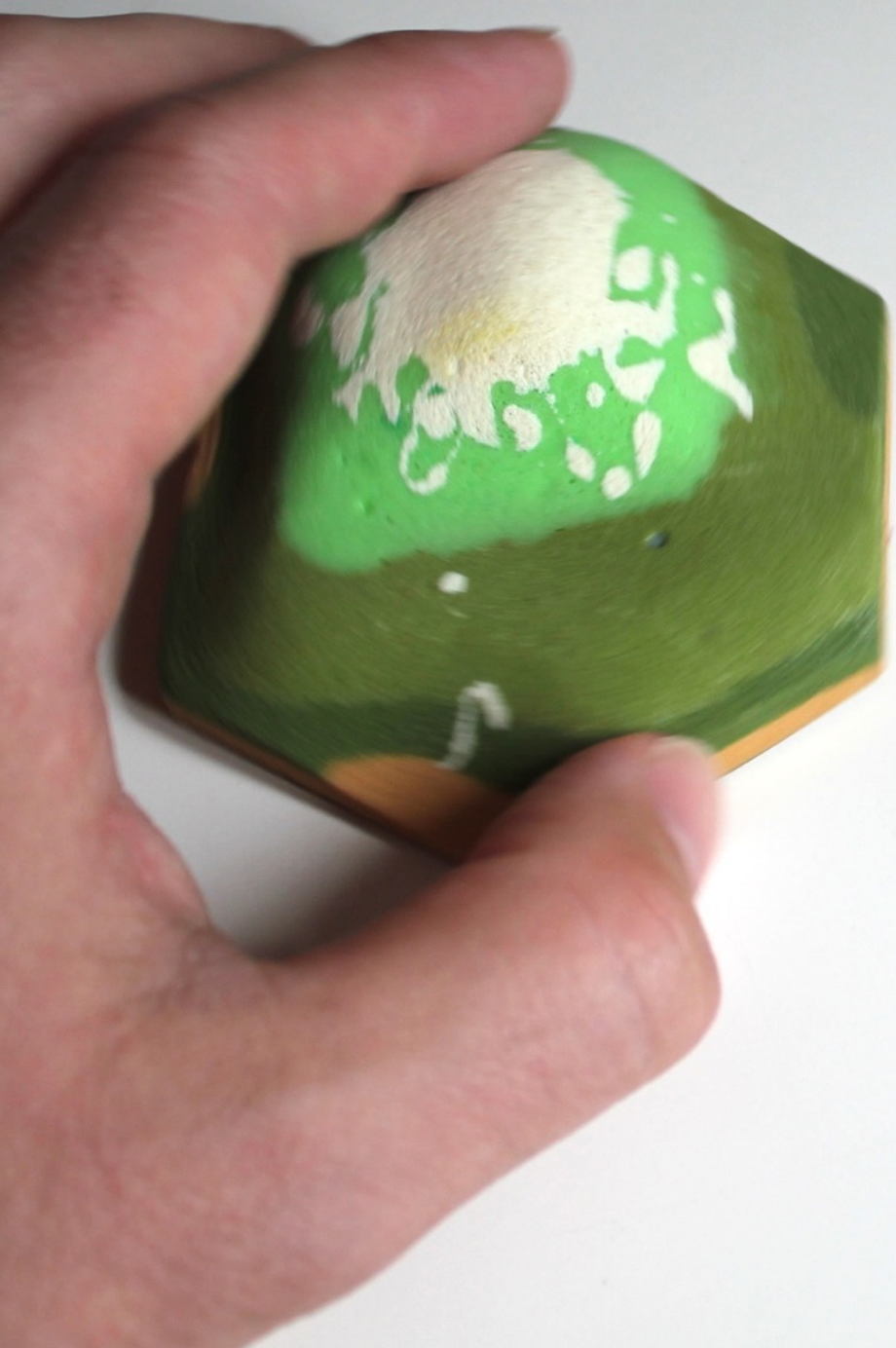
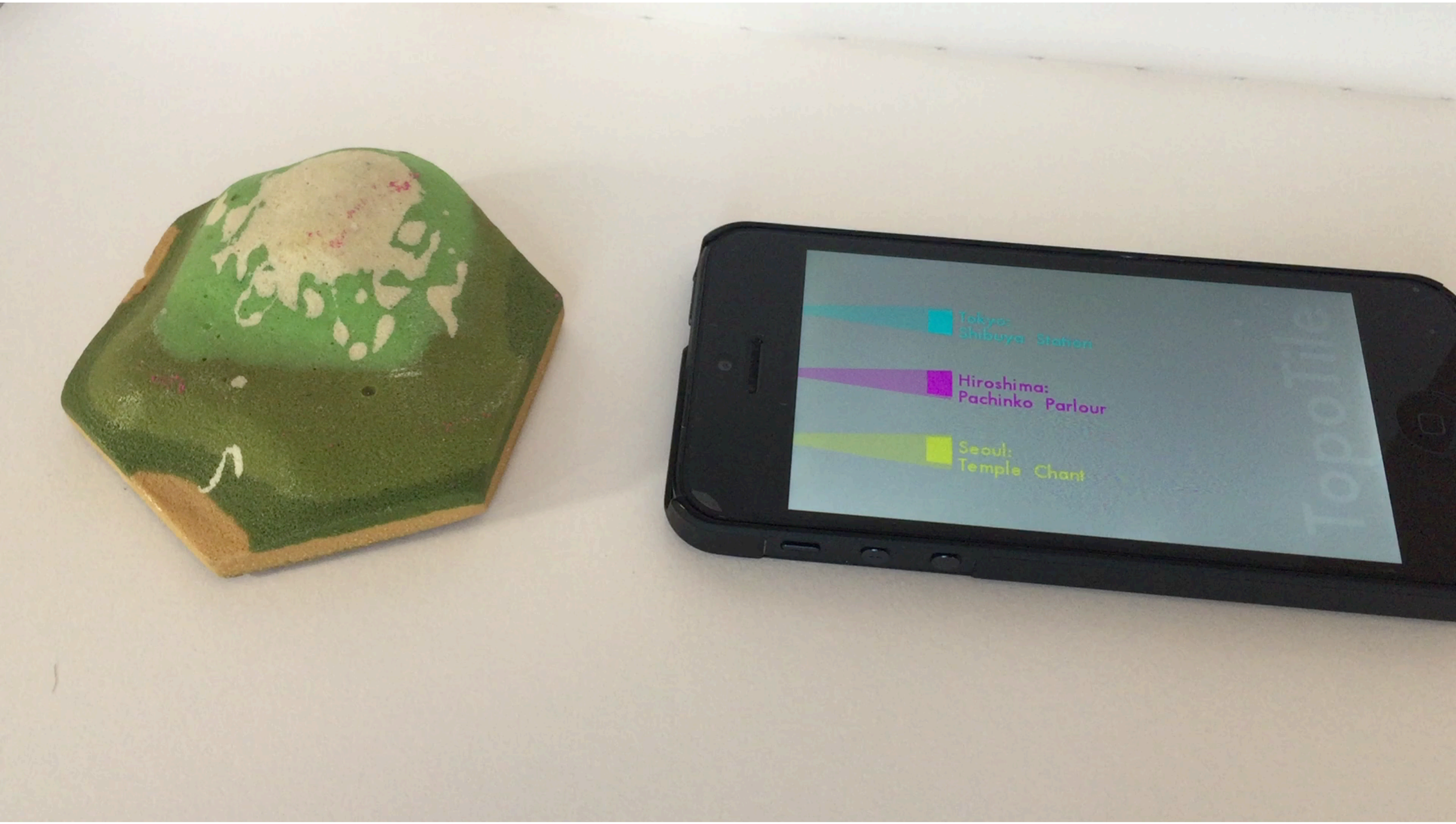
Resonant Bits



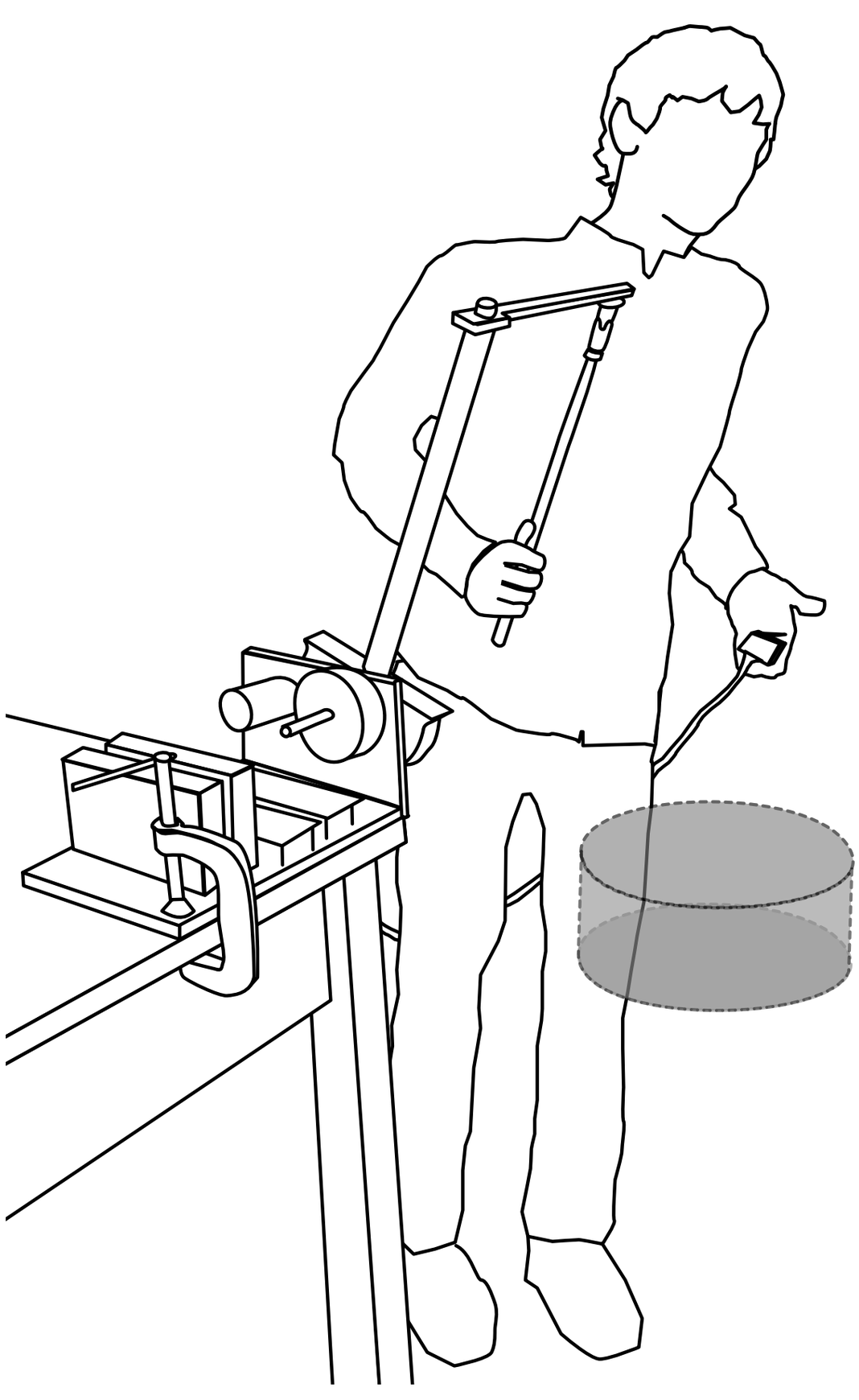
Peter Bennett

Unfixed 2.0

13th November 2016


Tokyo:
Shibuya Station
Hiroshima:
Pachinko Parlour
Seoul:
Temple Chant

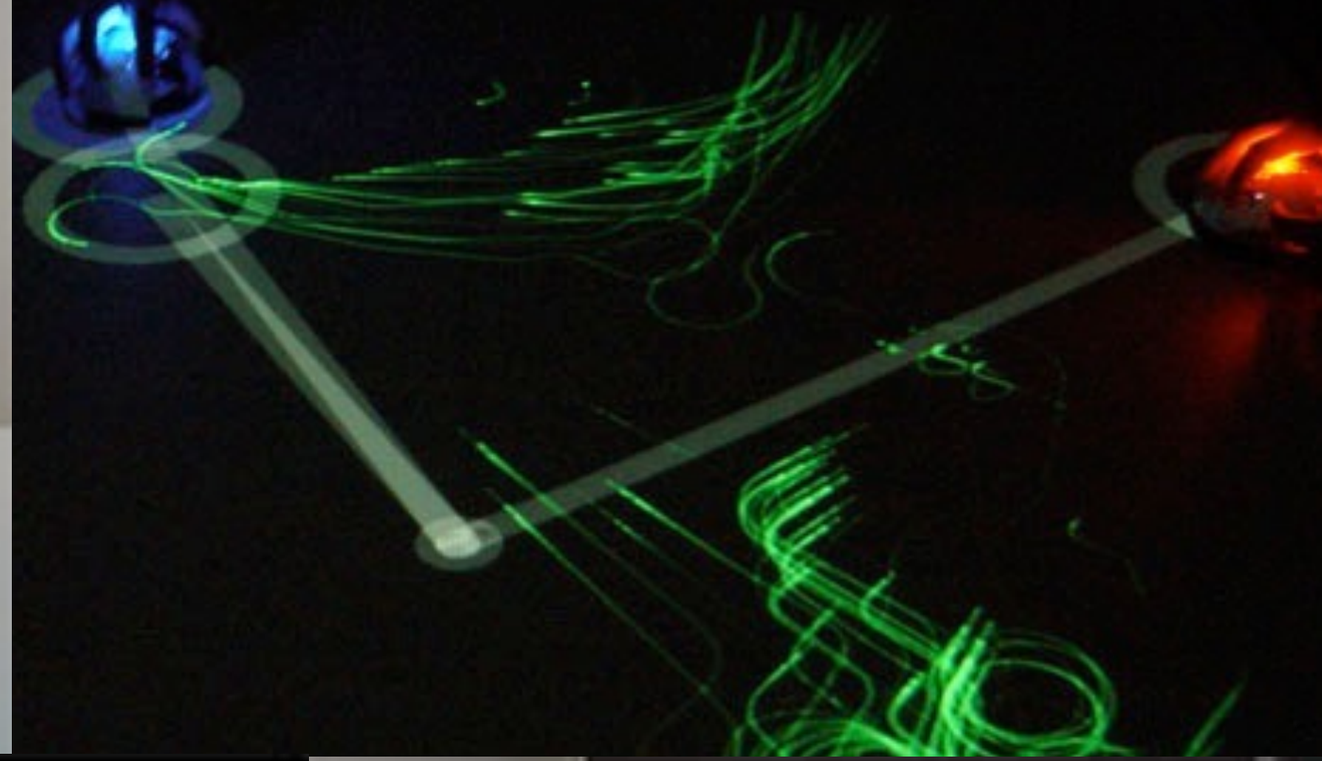
my background

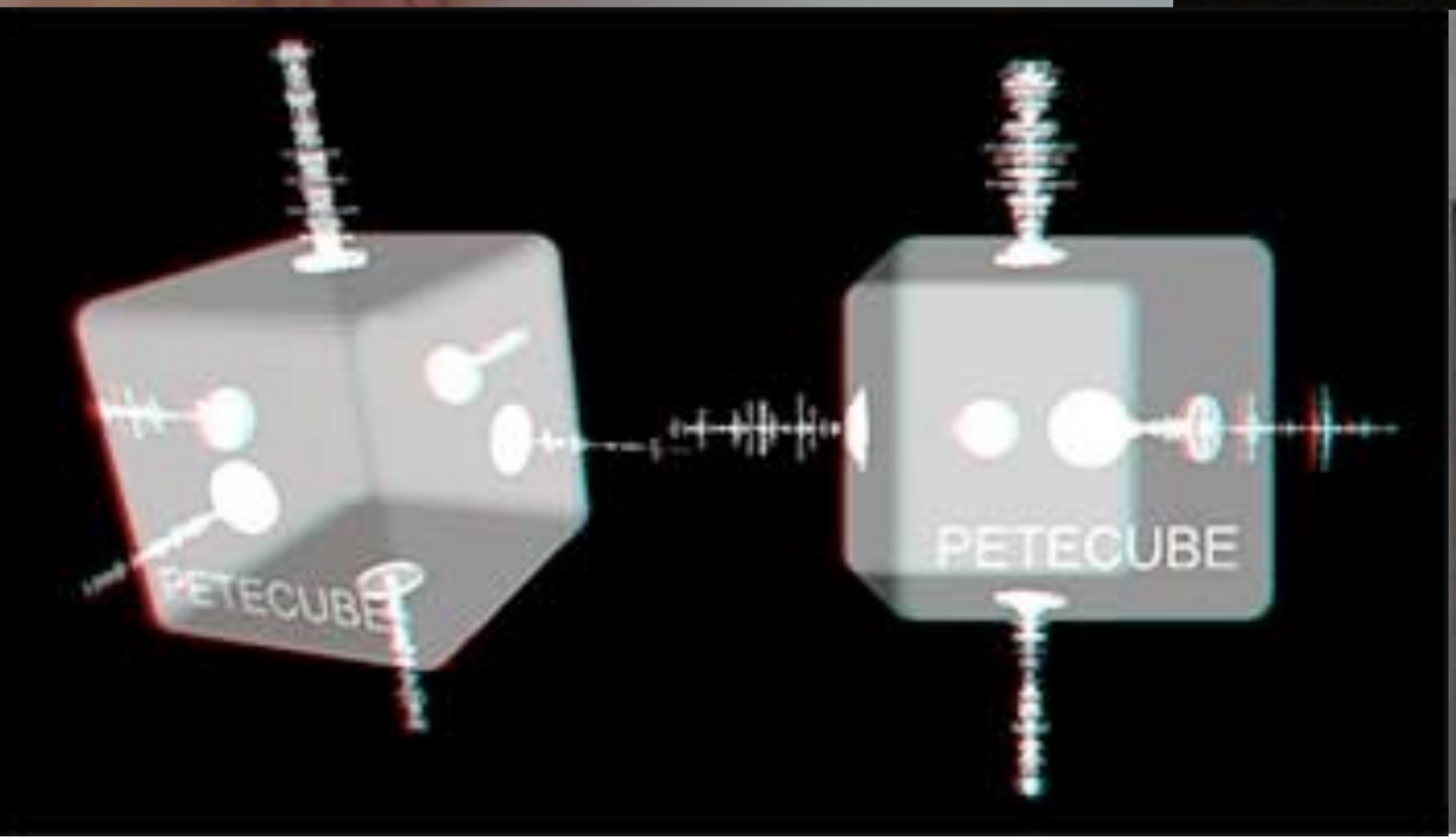


MEng in Cybernetics

University of Reading

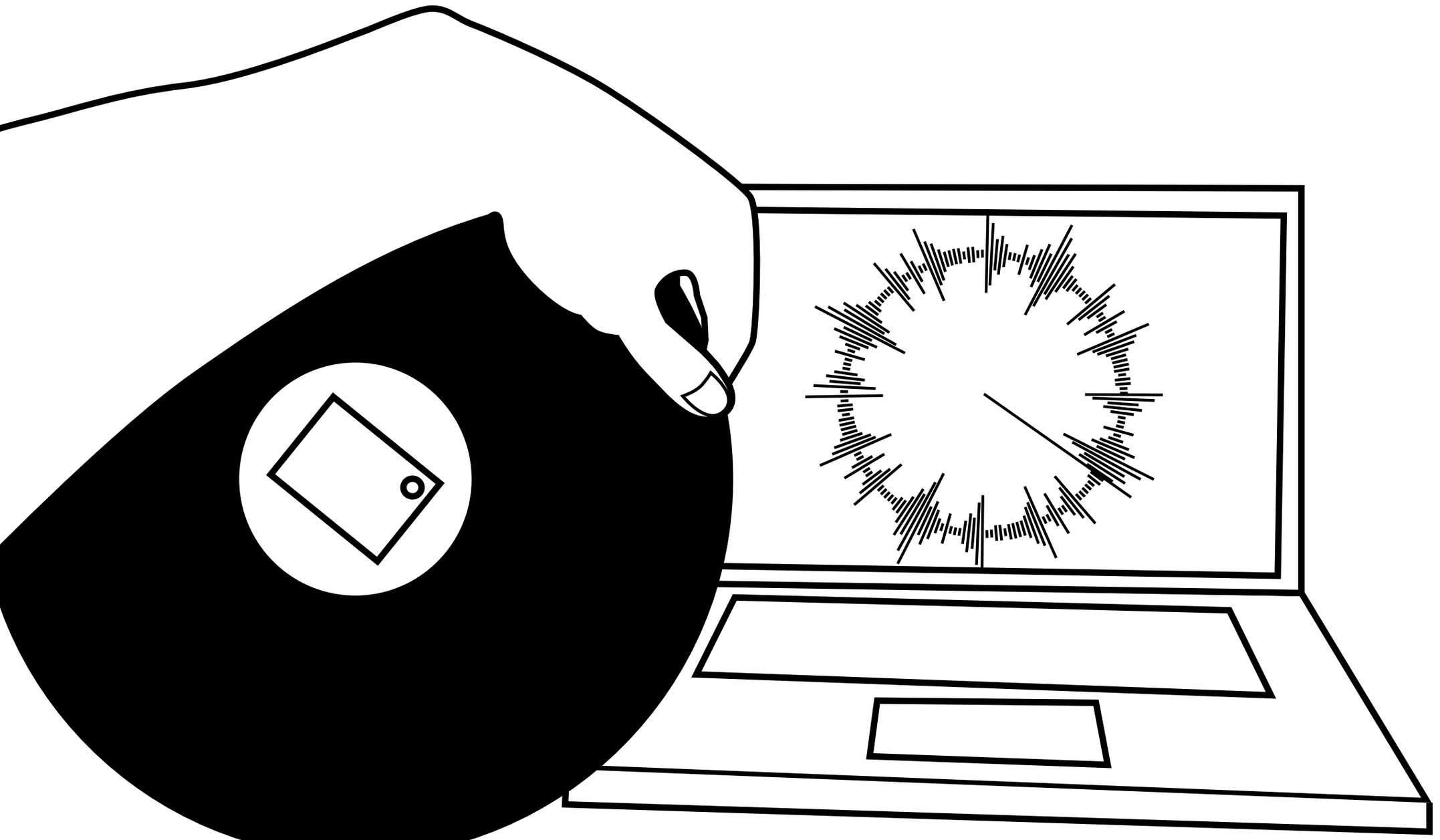
2000-2004





MA in Digital Media Art & Design

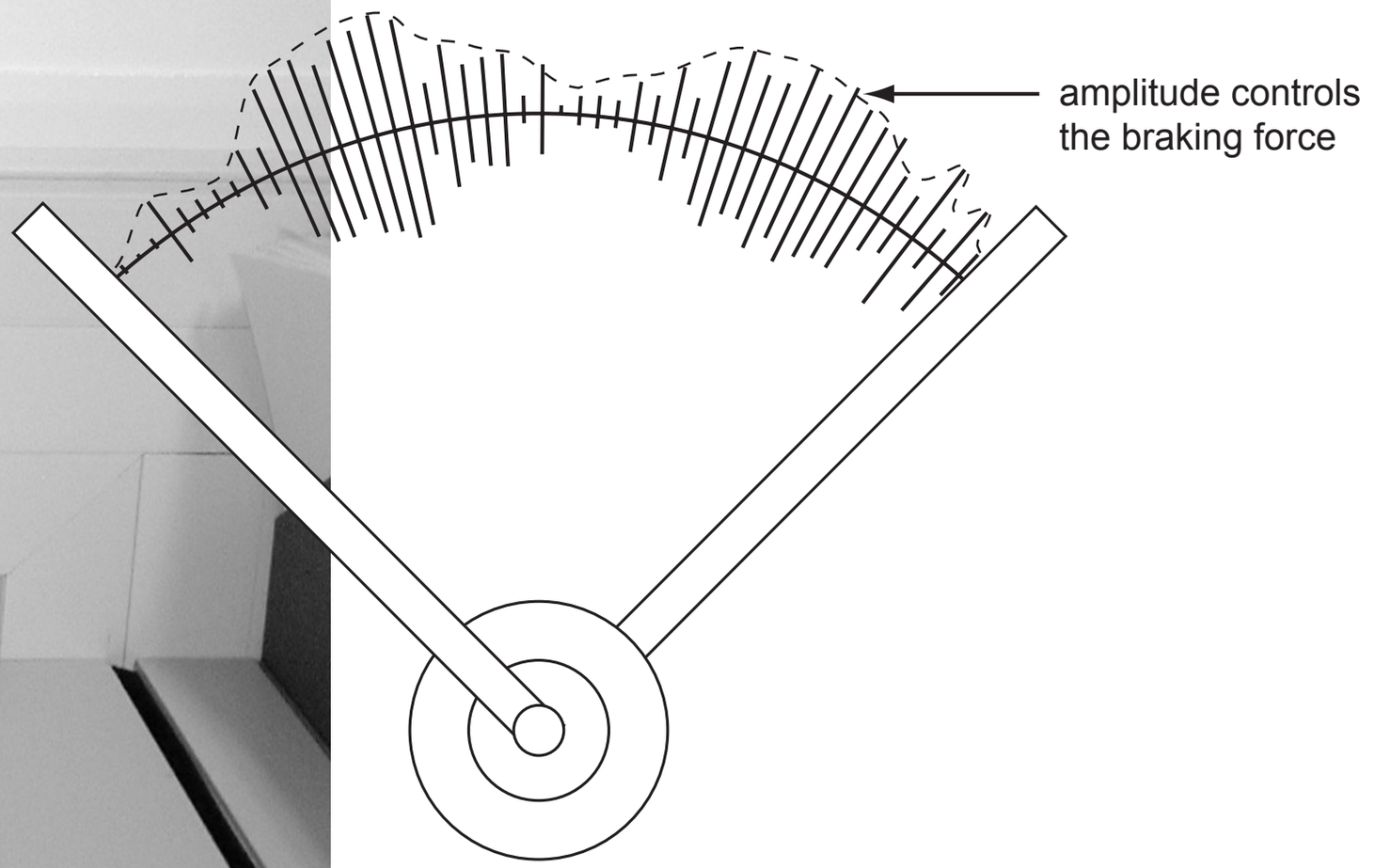
University of Brighton
2004-2006

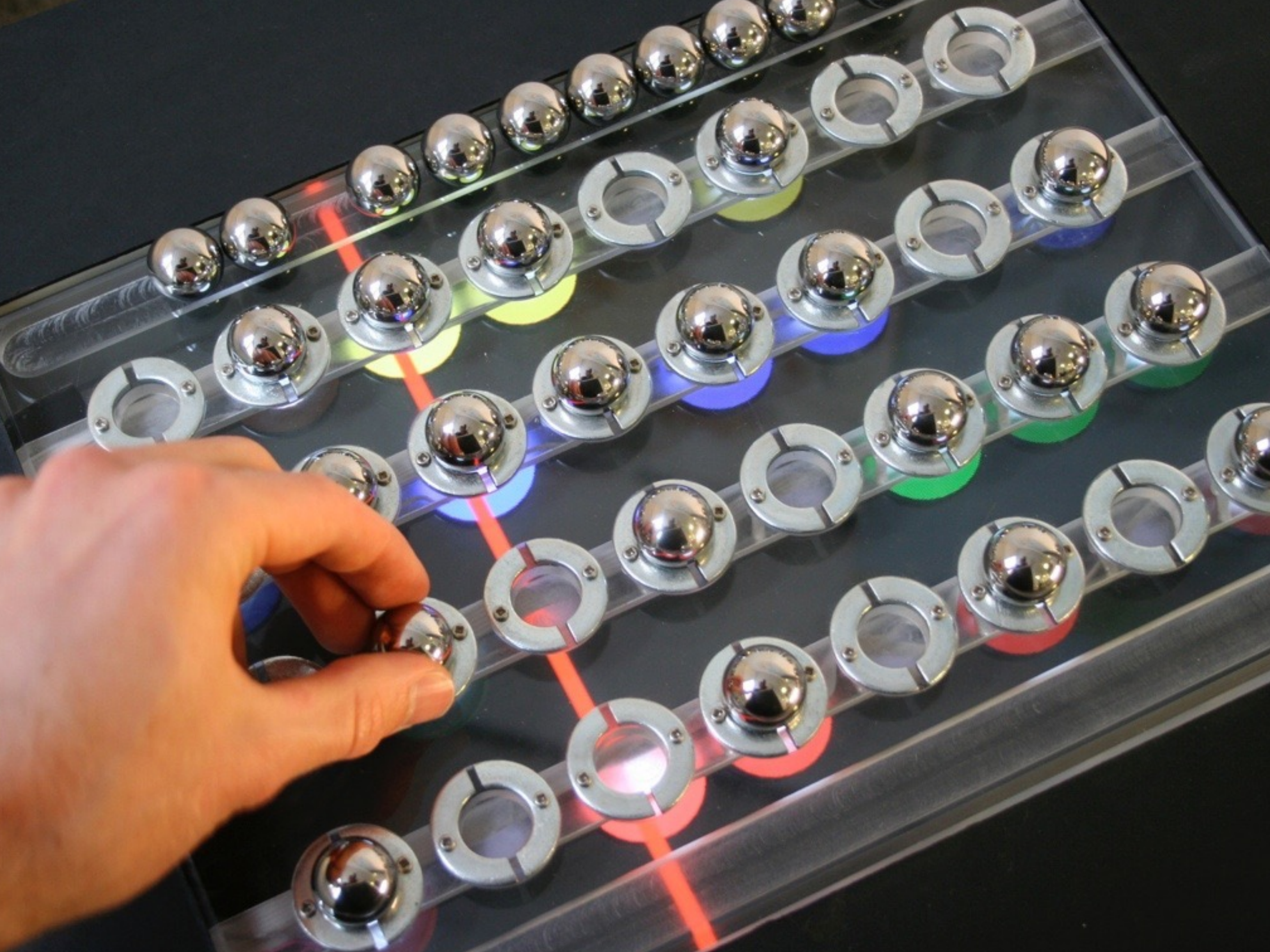


PhD in Musical Instrument Design

Queen's University Belfast

2006-2010


amplitude controls
the braking force



chronotape

1971
1972
1973
1974
chronotape
tangible timeline
fade

ChronoTable

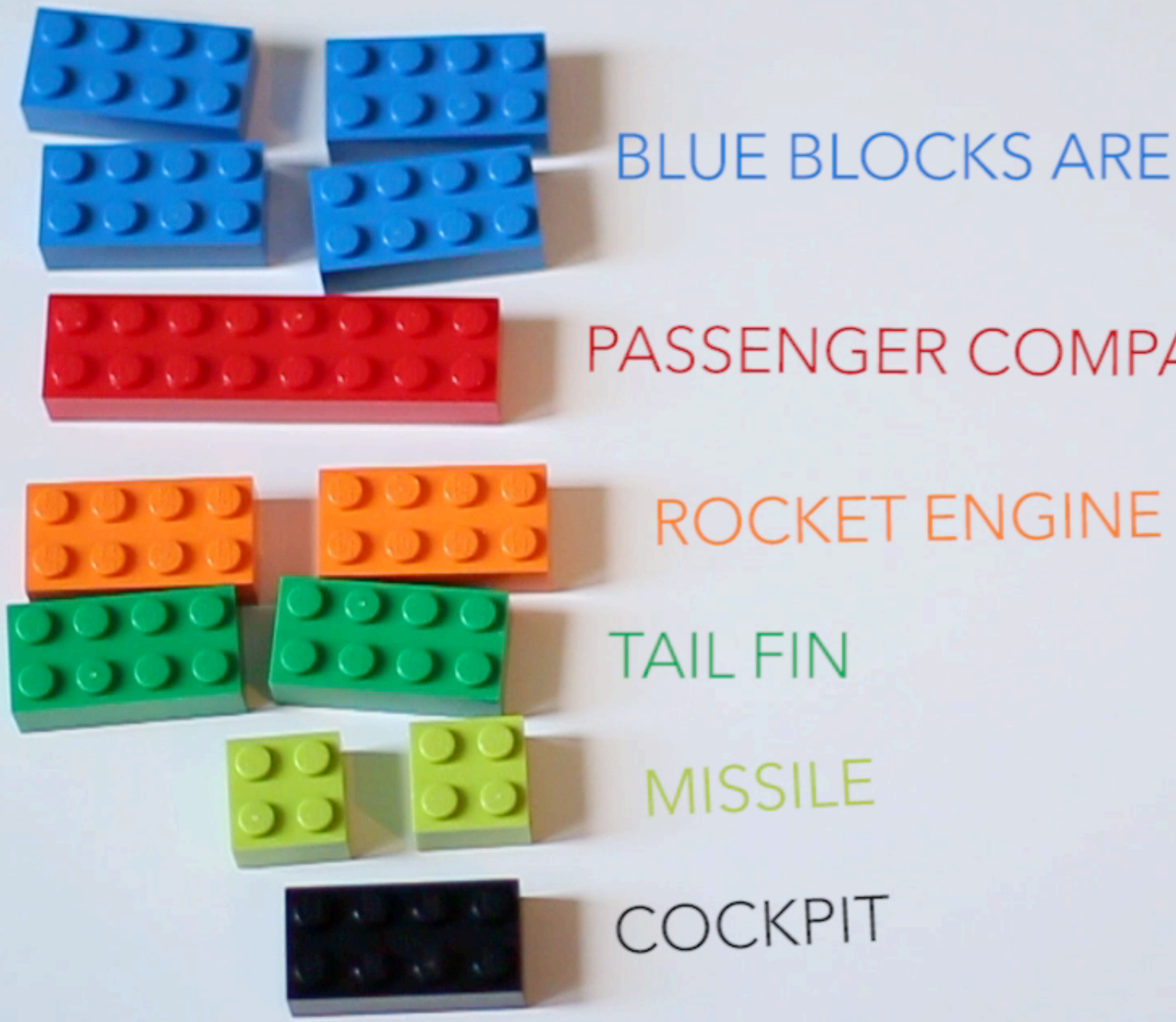
Research Activity Seismograph

www.tangible-memories.com

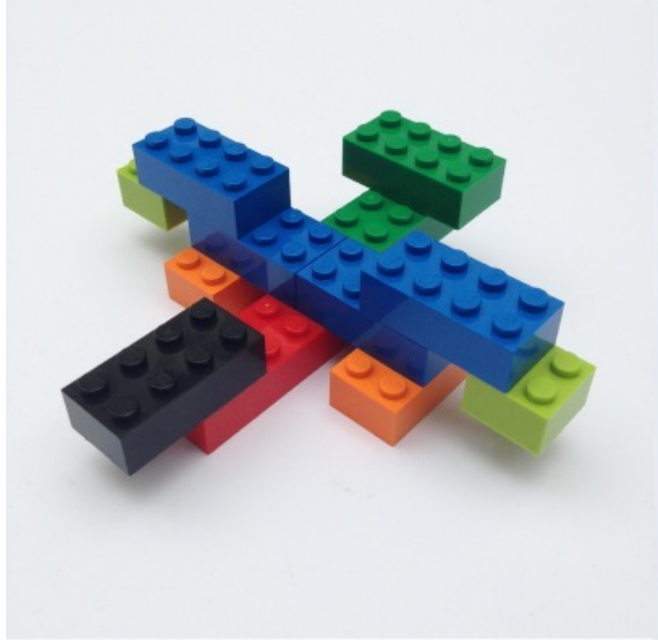
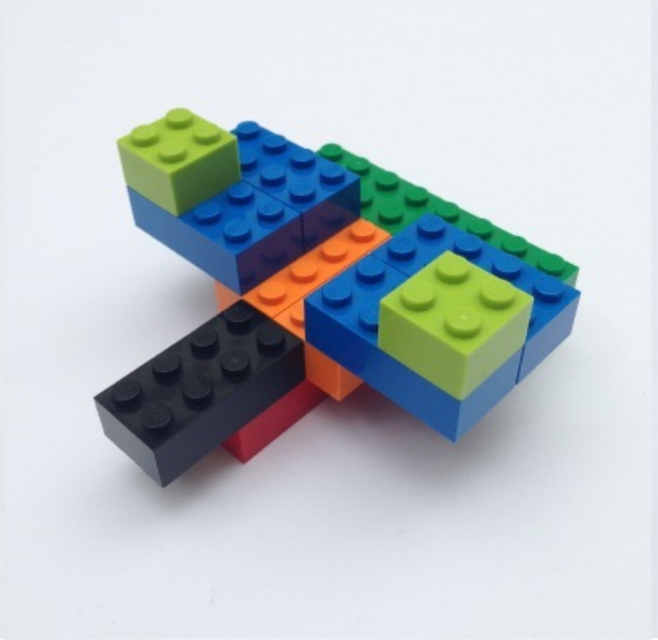
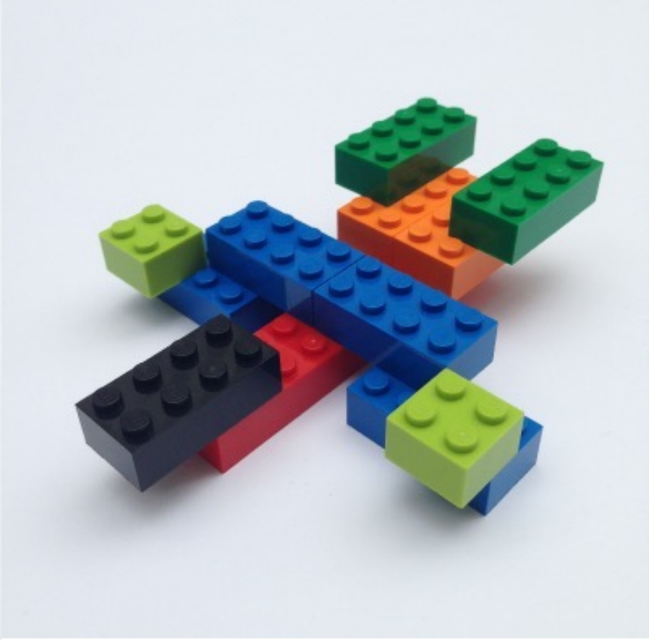
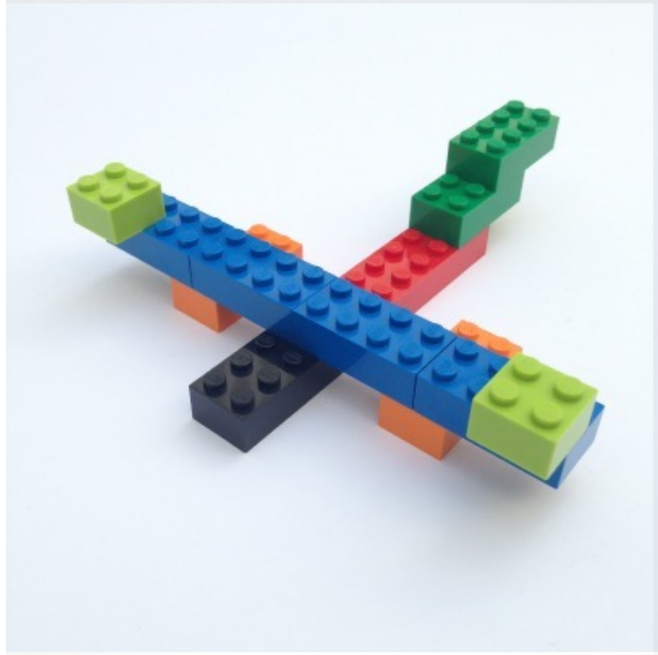
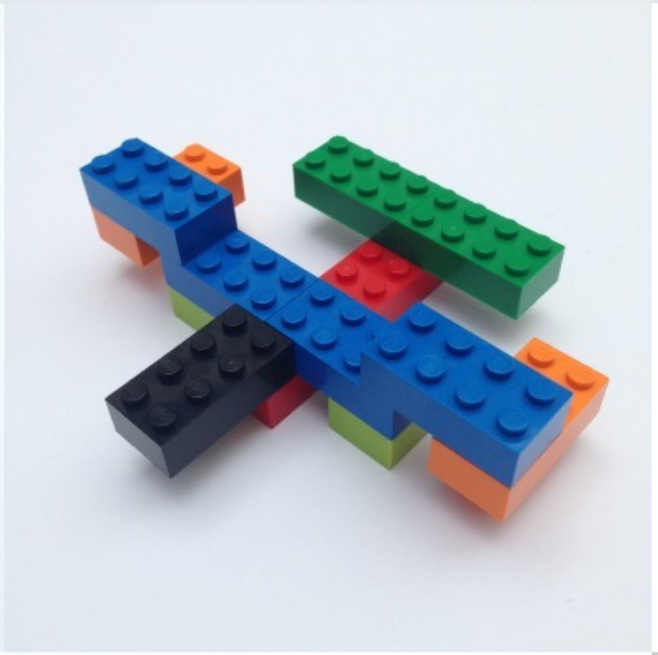
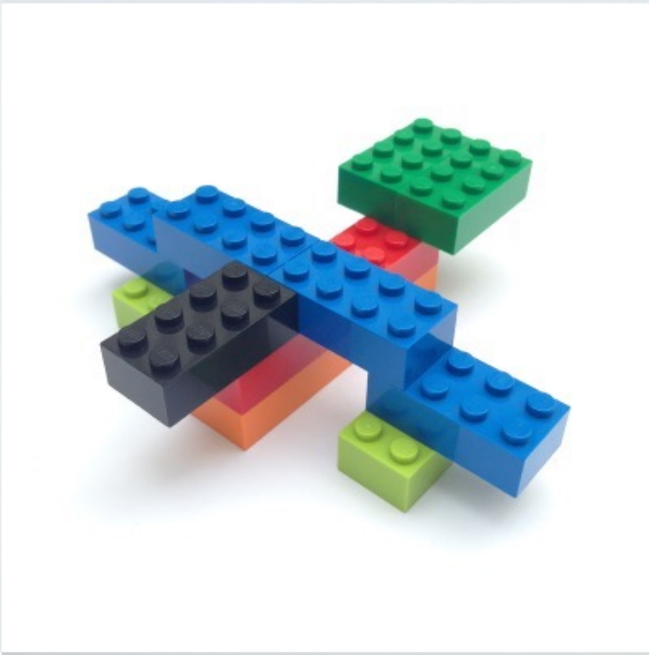
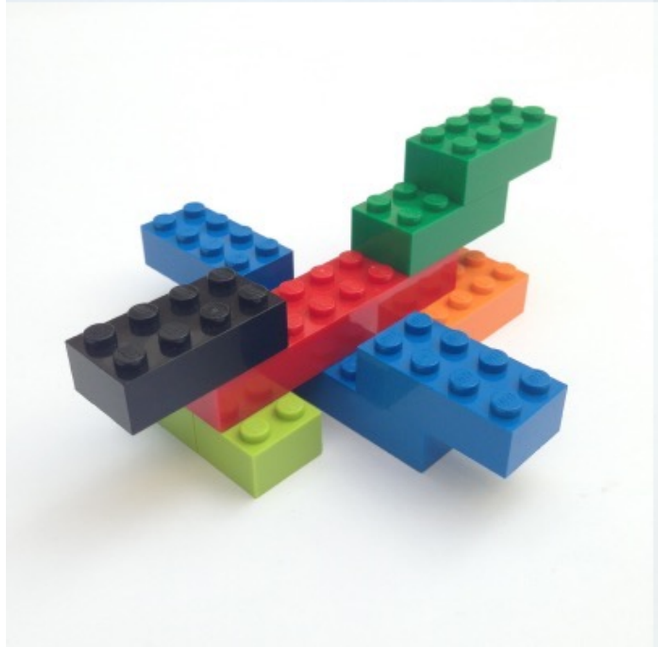
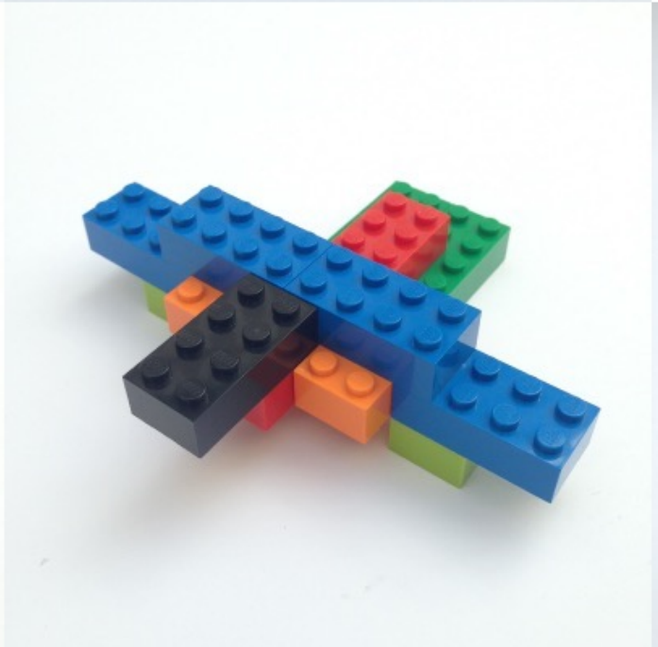
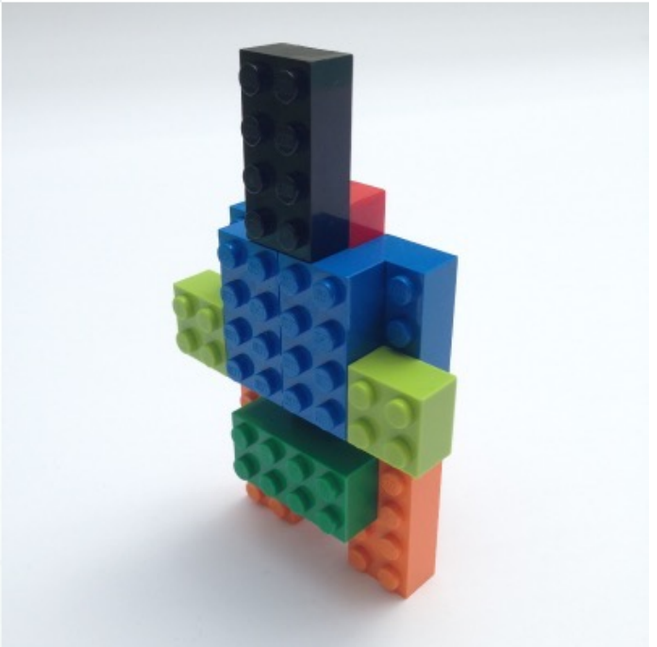
Sir
Chas.
Wetherell
has left
the
City.
Information

tale tap
ANDY RAZA
JOE GARLAND

tale tap



www.physicad.com

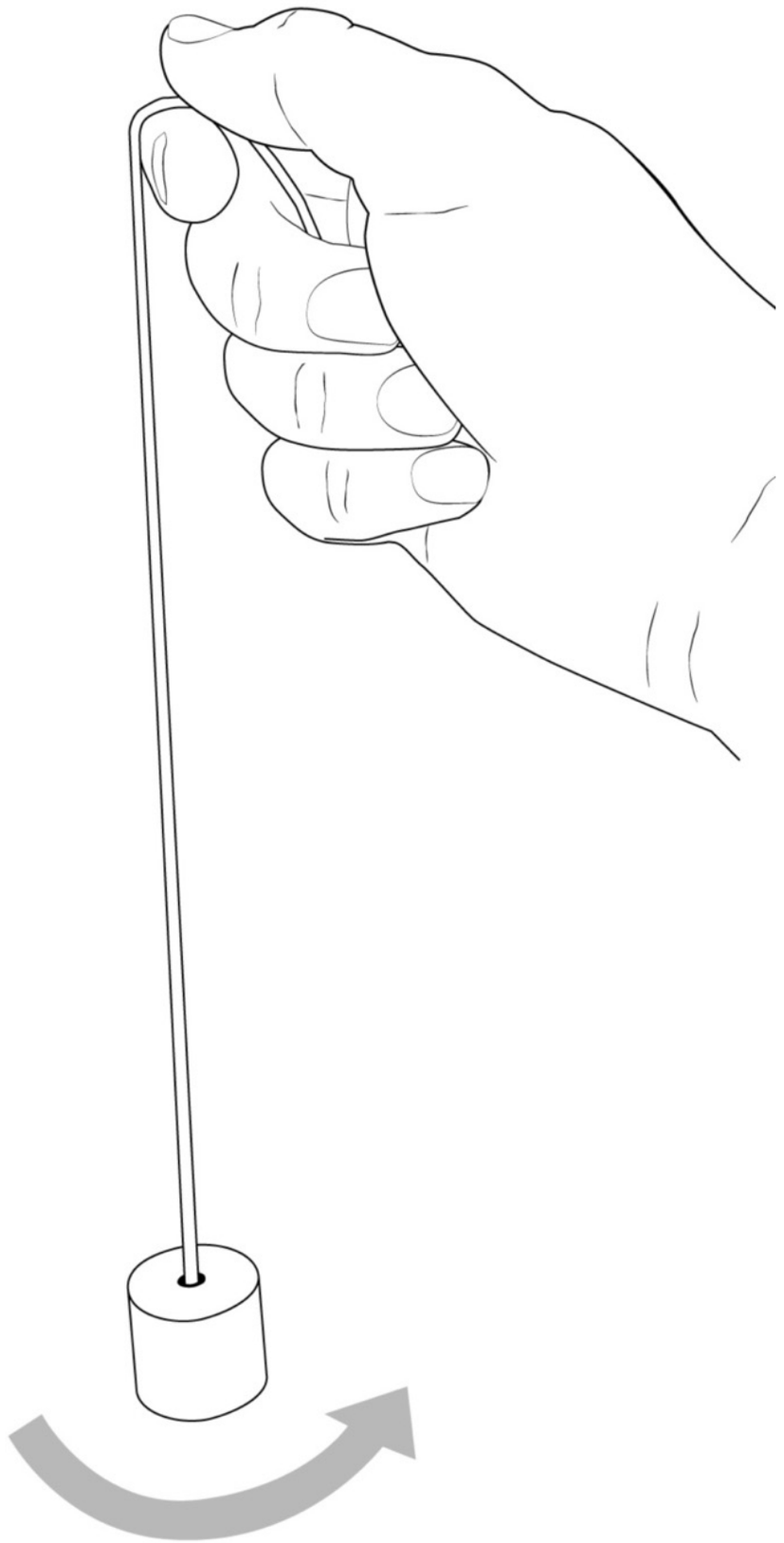
Magical

Interaction

teleporter
concept sketch

UNIVERSAL
BIG
OnoffaBird

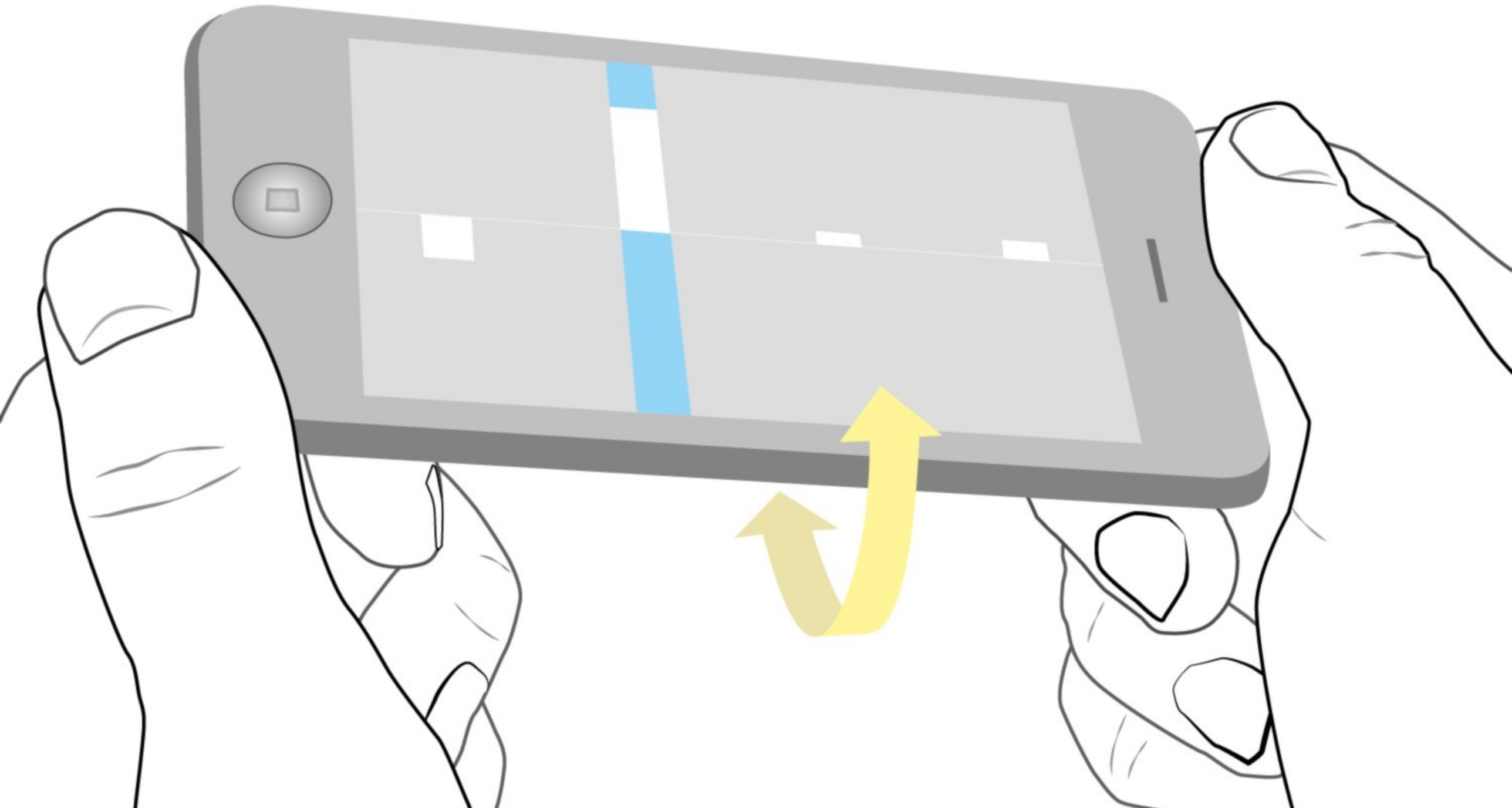
Stuart Nolan…
technology for magic
+ ideomotor response

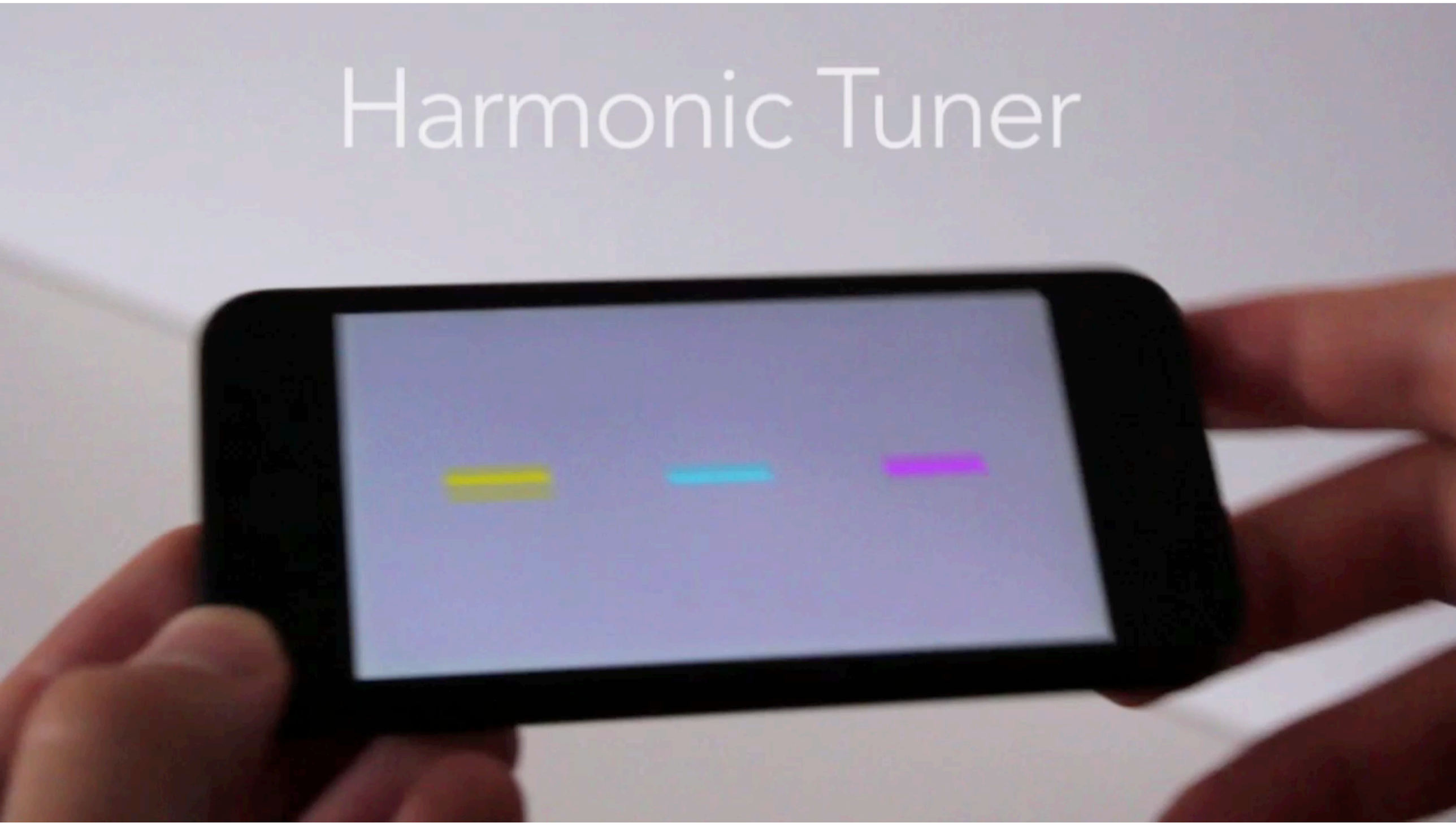


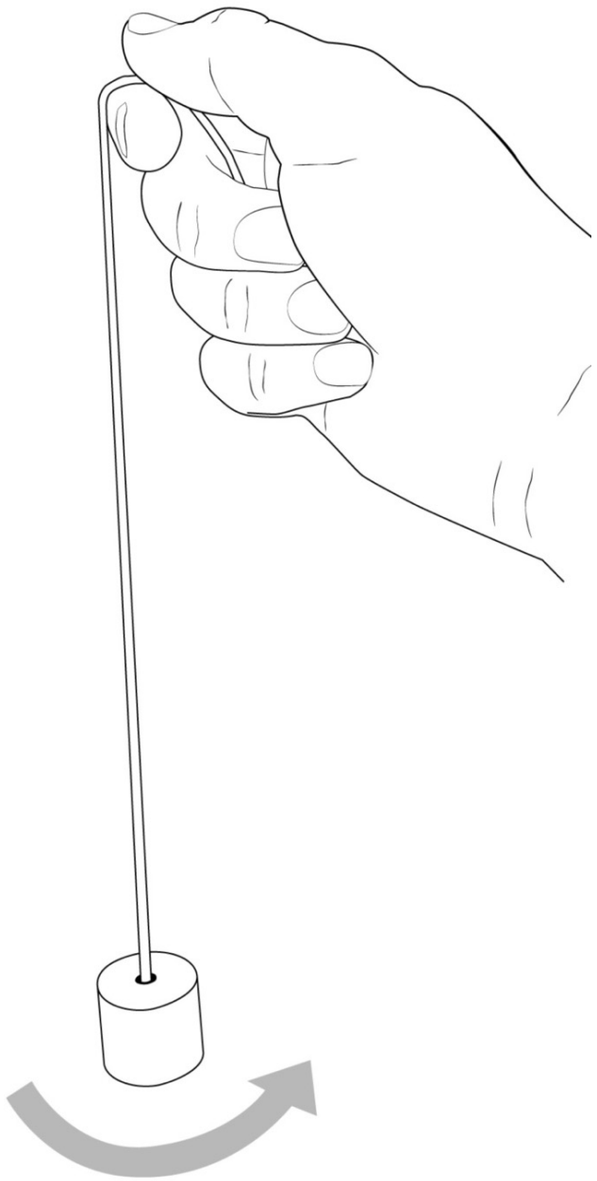
So what is resonance?

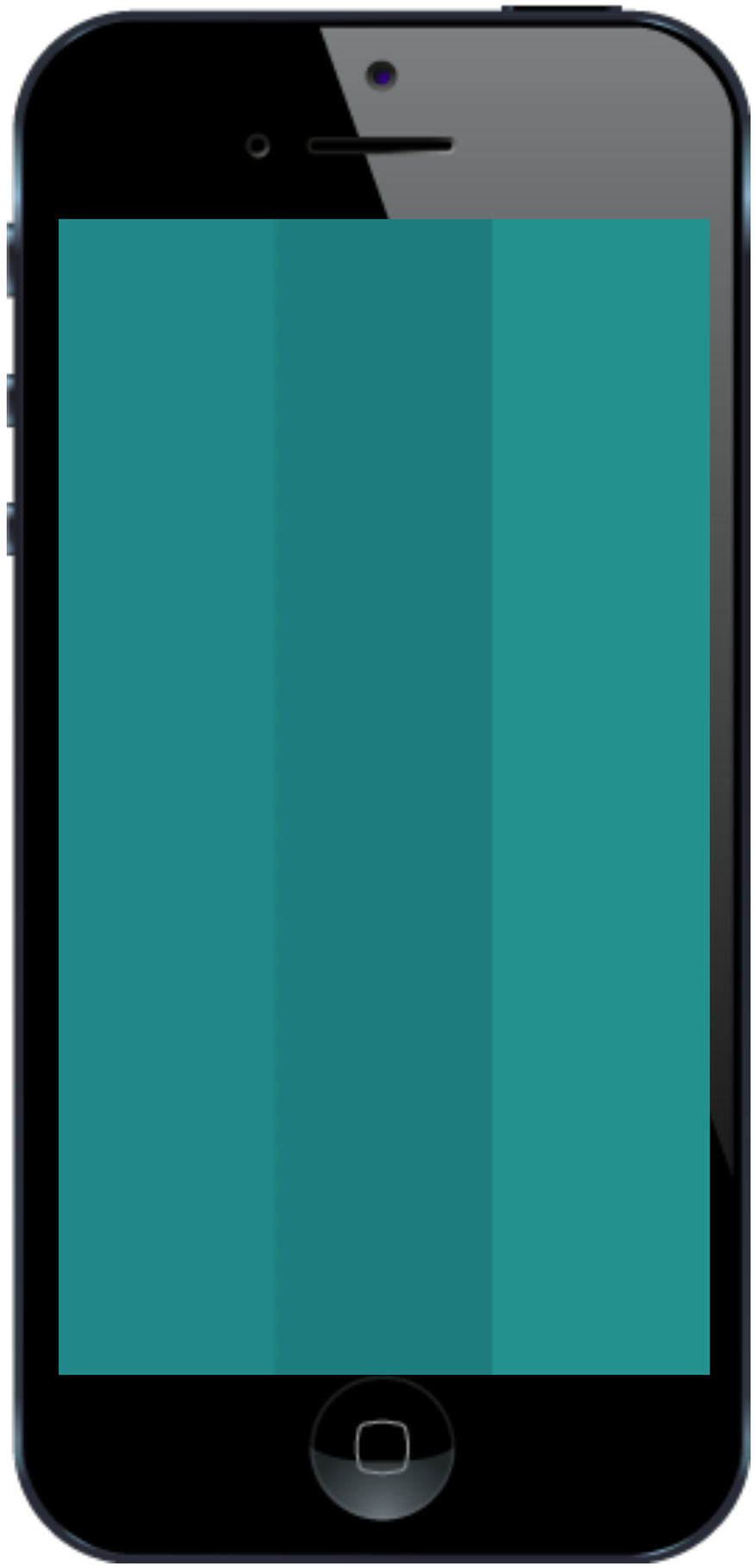
“The condition in which an oscillating or periodic force acting on an object or system has a frequency close to that of a natural vibration of the object; a resulting amplification of the natural vibration.”

“Corresponding or sympathetic response; an instance of this. In later use also: the power or quality of evoking or suggesting images, memories, and emotions; an allusion, connotation, or overtone.

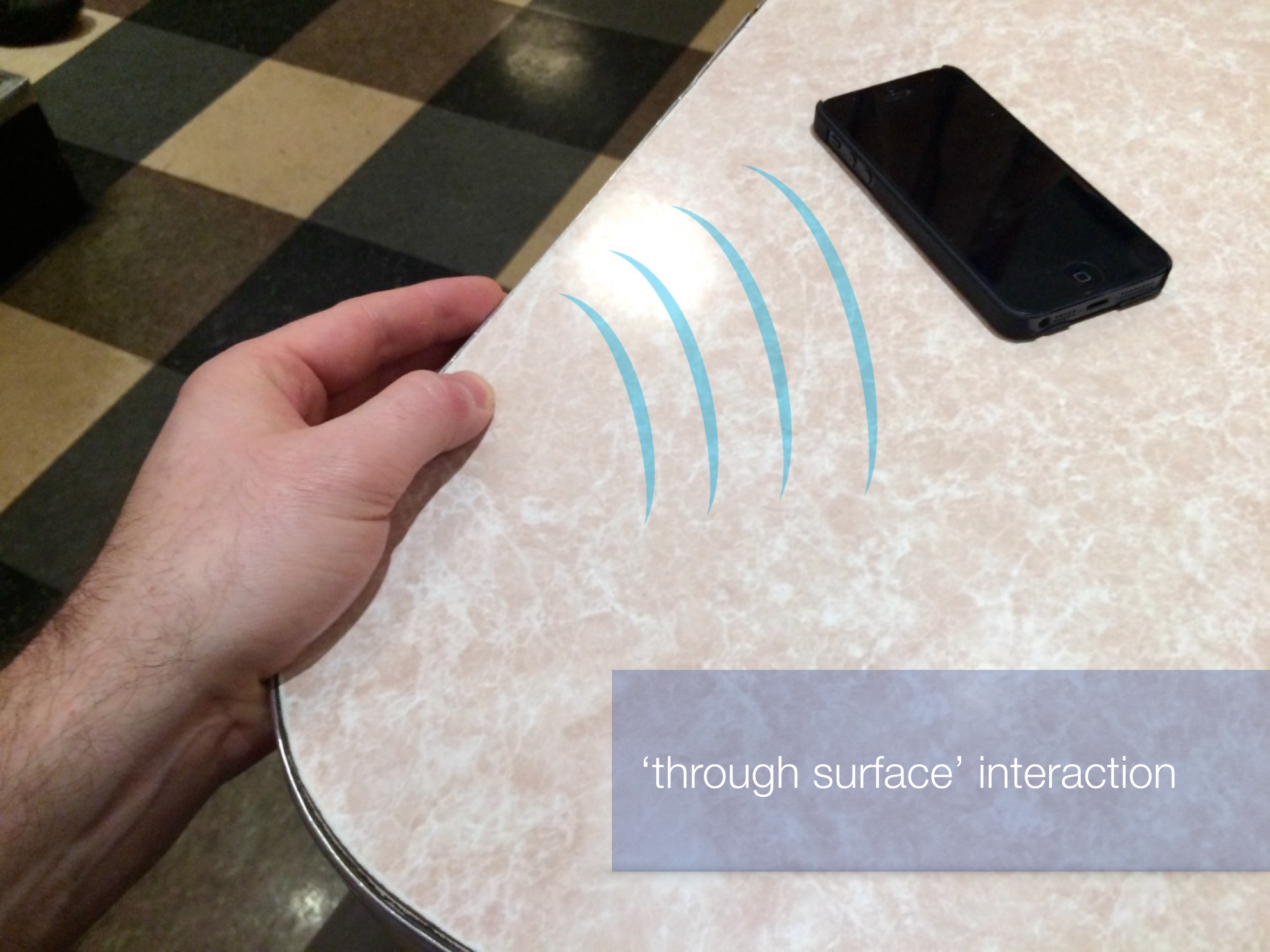



Harmonic Tuner





‘ideomotor’ interaction



‘through surface’ interaction

THE BRISTOL CHANNEL
CITY OF BRISTOL
RIVER AVON
Patchway
Filton
Blaise Castle
Westbury-on-Trym
Redland
Stoke Bishop
Durdham Downs
Clifton
Shirehampton
Portishead
Pill
Leigh Woods
Ashton Court
Long Ashton
Southville
College Green

ResoGami with Coco Sato

resonant food

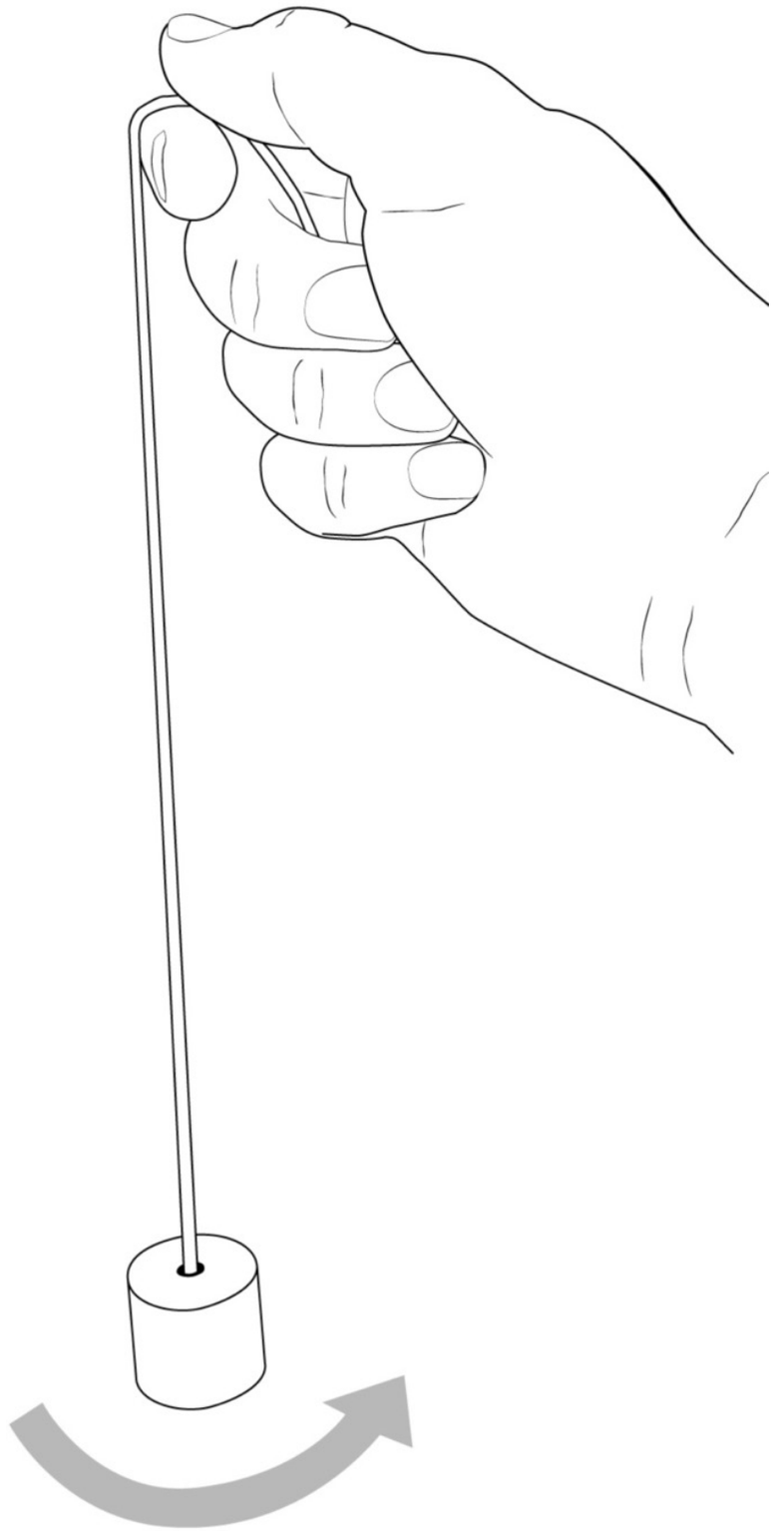
Audible Resonant Interaction

toot & play

Subtle Interaction?

Slow Interaction?

Calm Interaction?



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