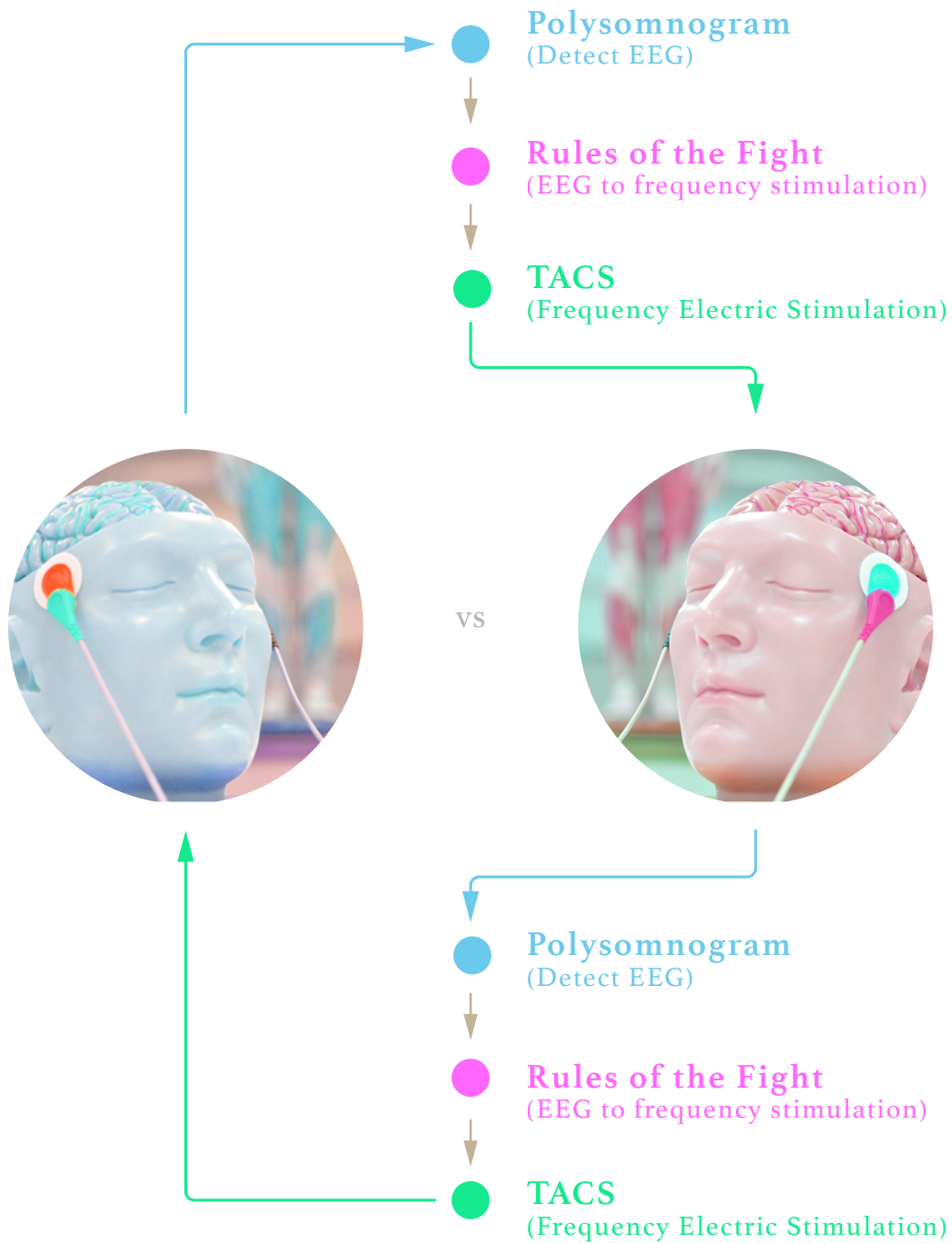


hypnomachia

fighting, while sleeping

Hypnomachia is a performative installation in which two sleeping subjects engage in a subliminal conflict where they influence each other's brain activity.



HYPNOMACHIA



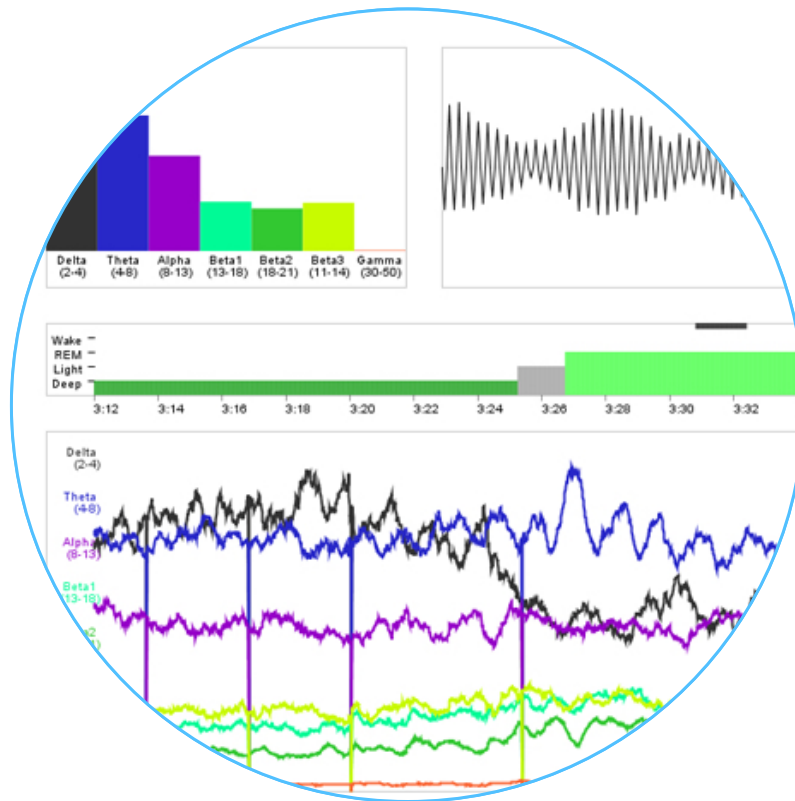
TECHNICALLY

First we detect if subject A  
is sleeping.  
We use a  
polysomnograph



It is a portable and  
consumer oriented one  
called the ZEO Sleep Monitor

# With the polysomnograph we detect subject A's Brainwaves and sleep phases...



We get:

EEG raw wave

7 filtered brainwaves (after FFT)

Sleep Stages:

Awake, Light sleep, Deep Sleep, REM



...through an  
**Electronic stimulation**  
that will force subject B's  
**brainwaves to entrain**



Transcranial Alternate  
Current Stimulation  
has been proved to be able  
to entrain brainwaves



Likewise, the same process is repeated from subject B to subject A. In a **circular biofeedback loop**



While both sleepers  
unconsciously attempt  
to manipulate each other's  
brain in this biological  
propaganda-like fight,  
  
a real-time sonification  
grants the audience  
access to this  
hidden confrontation.

