

Consciousness/Content Fallacy

Process of consciousness vs

Content of consciousness

Consciousness/Content Fallacy

States of consciousness (SoC) states are set to be equal to content not the process

Problem process is not a content

Brihadaranyaka-Upanishad "You cannot see the seer of sight"

Problems wit Altered States of Consciousness (ASoC)

Ludwig 1966

ASoCs are mental states induced by various means leading to sufficient deviations from the norm in subjective experience or functioning.

E.g. Alterations in thought, time, body image, emotional expression, perception, meaning, level of volition, sense of ineffability, rejuvenation, hypersuggestibility, ...

Problem

What is the norm and a sufficient deviation thereof?

What is a normal state of consciousness?

What is an altered state?

Clinical operational definition

Arousal

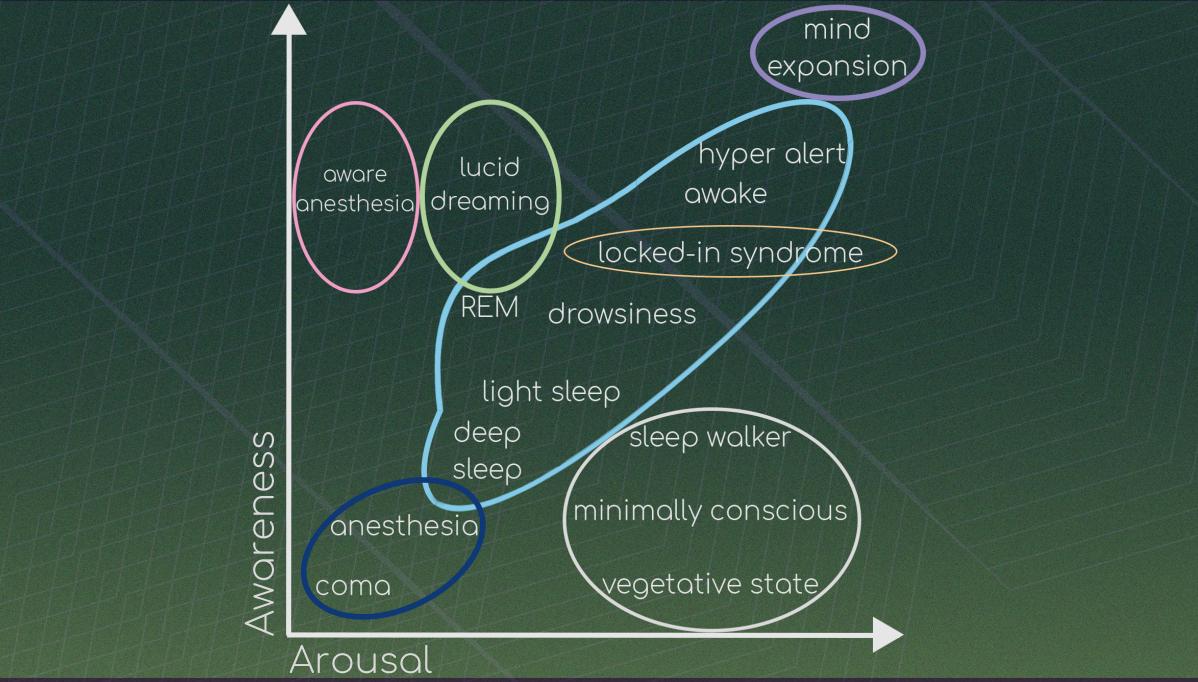
wakefulness, vigilance

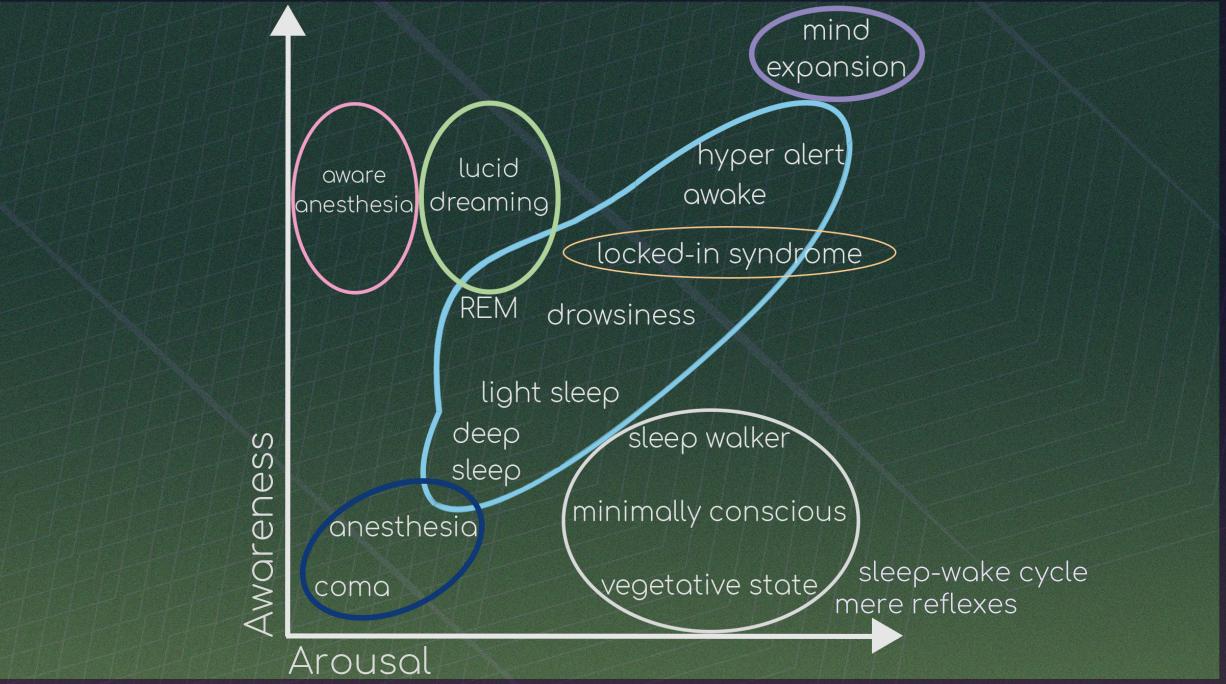
prolonged opening of eyes

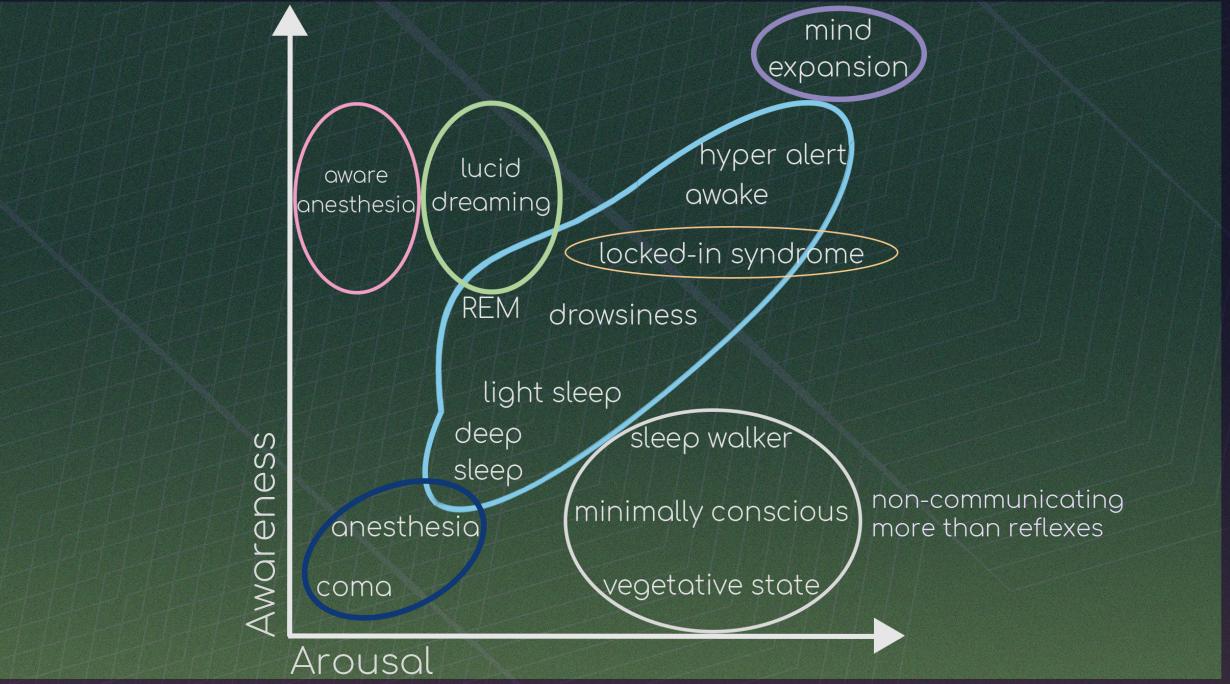
Awareness

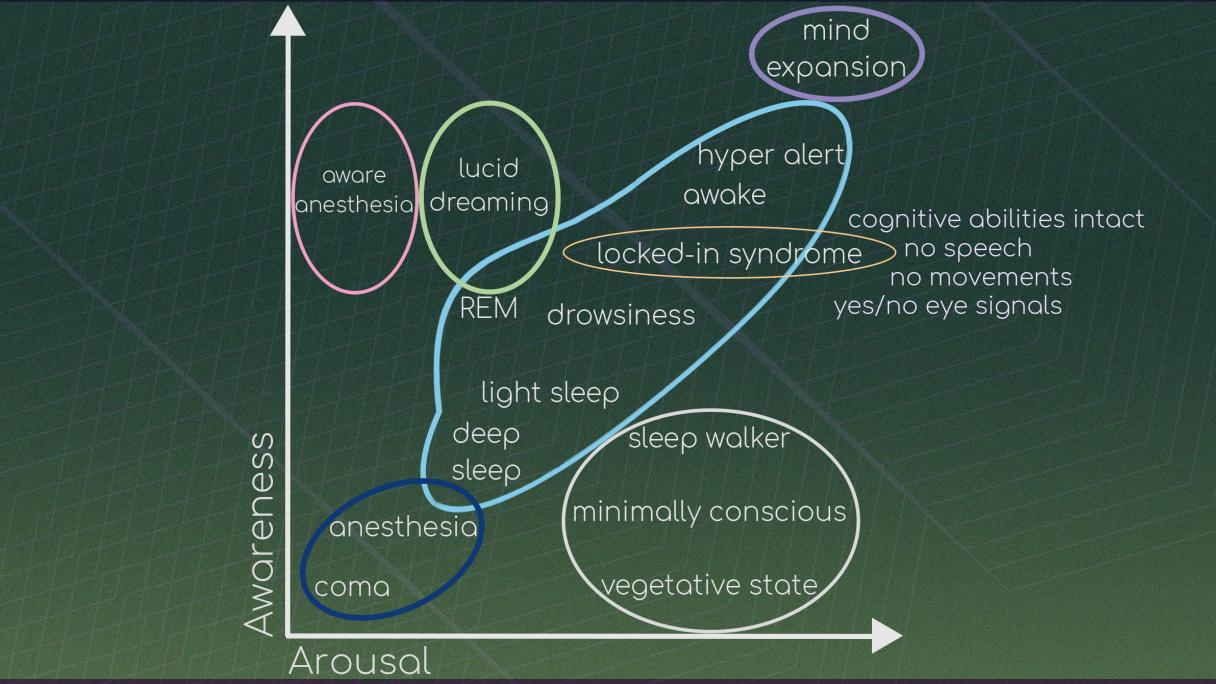
contents of consciousness: environment and self

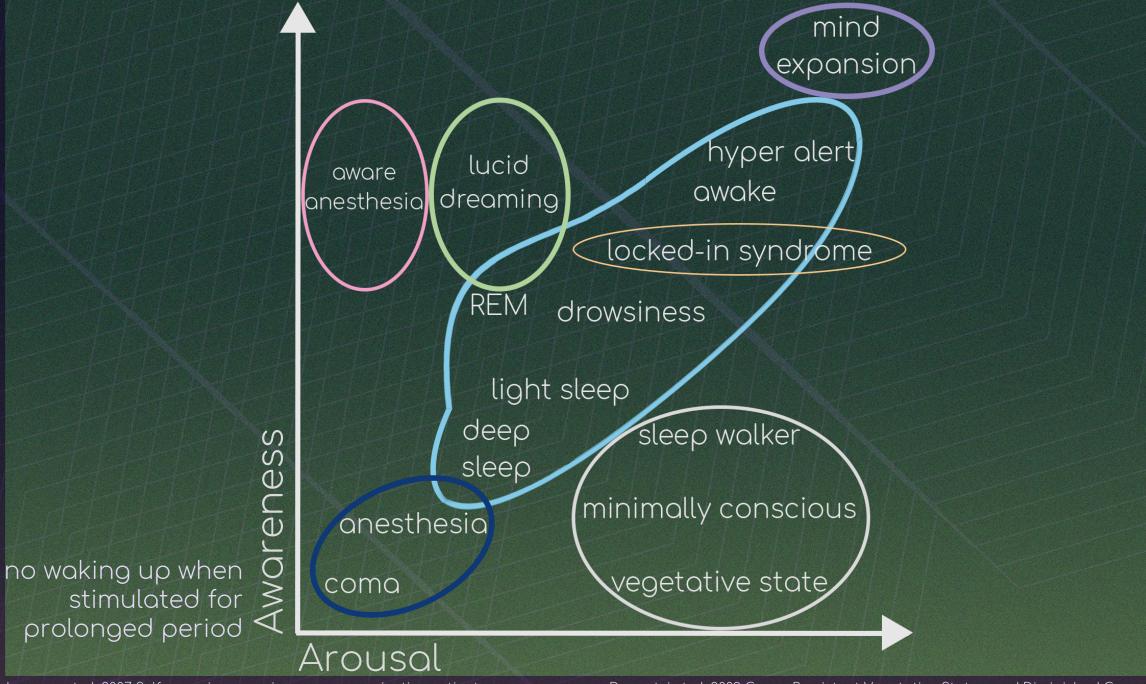
Environment -> command following, eye tracking and responses to pain Self -> stimuli like owns face or name

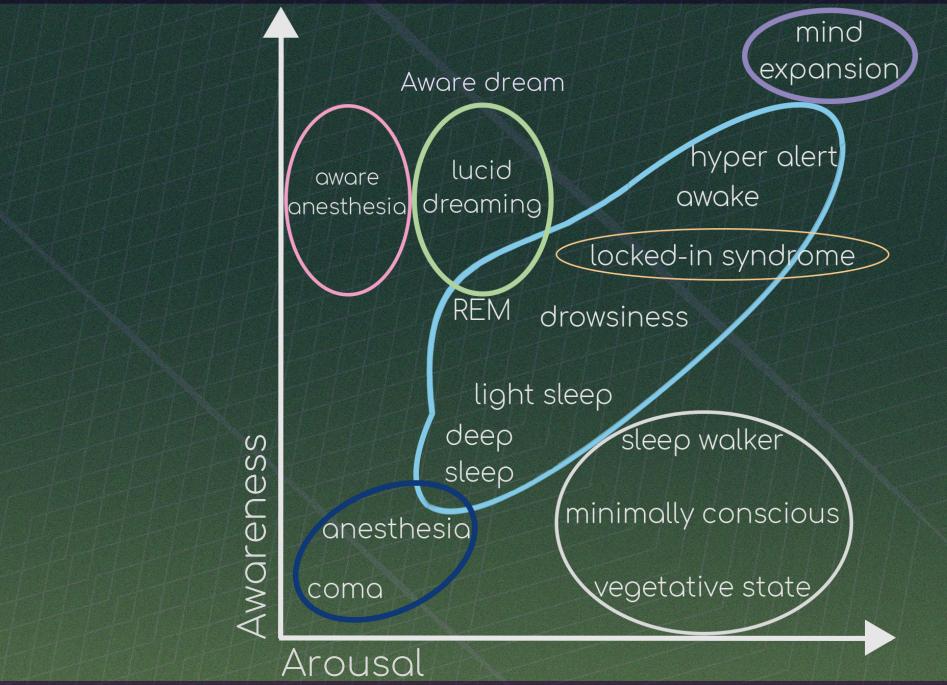


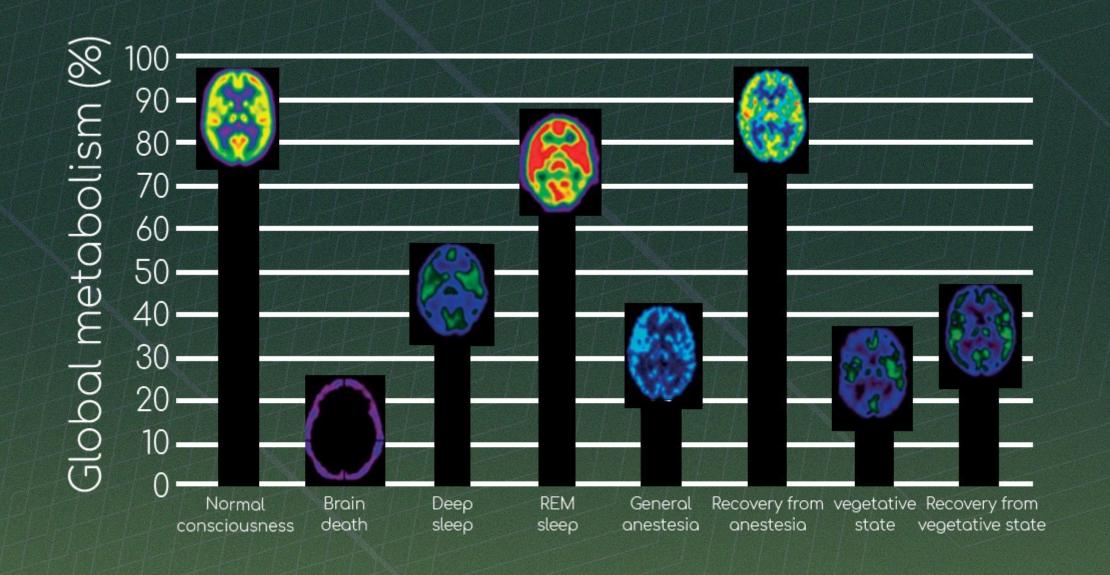












AIM model

(A) Activation

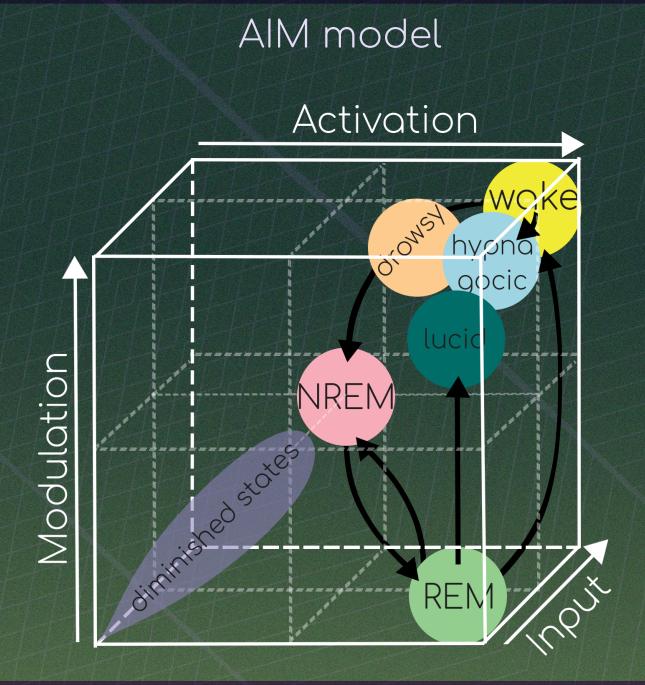
Energy processing level measure: eeg activation, ... e.g. large parts of the brain less active during NREM

(I) Input-Output Gating

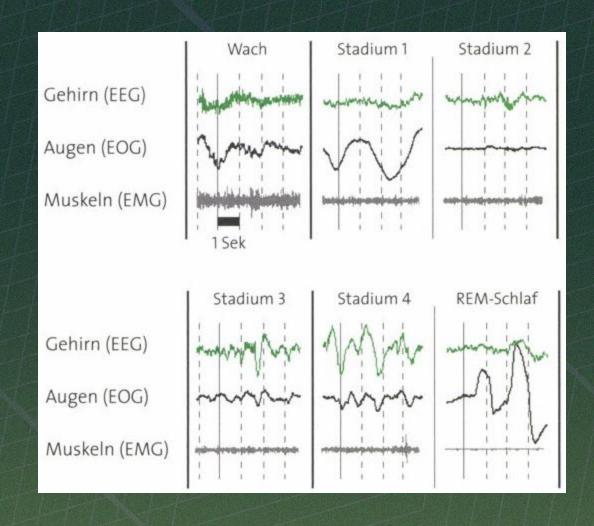
Internal or external measure: spinal motor neuron inhibition e.g. inhibition of mucle tone during REM

(M) Modulation

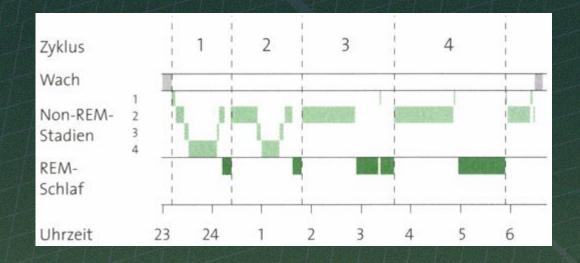
Chemical microclimate (in brainstem) measure: aminergic / cholinergic ratio



Sleep

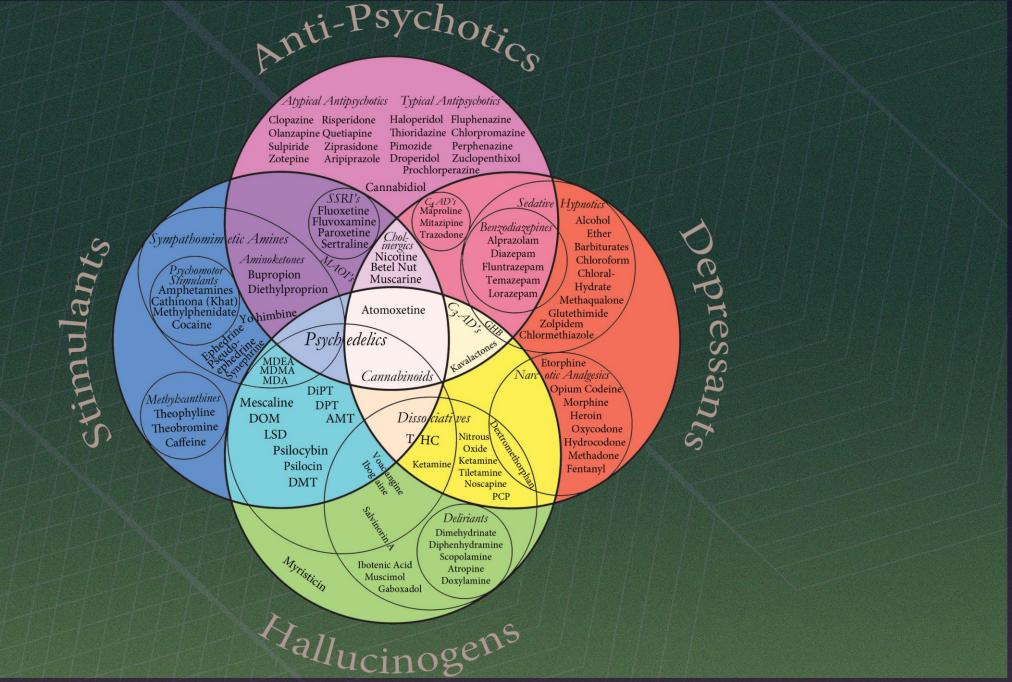


Sleep



Sleep

State of being	experience	Frequency (upon questioning)	Content
Wakefulness	Daydreaming (mind-wandering)	80%	Mainly thoughts. Dreamlike in up to 25%.
REM sleep	Dreaming	71–93%	Vivid, hallucinatory experiences.
NREM sleep	Dreaming	23–75%	Early in the night: thought-like and conceptual. Later in the night: vivid and hallucinatory experiences.
Wake -> sleep transition	Hypnagogic hallucinations	80–90%	Short static images ('snapshots'), or brief sequences of disconnected frames. Sensation of falling.
Sleep -> wake transition	Hypnopompic hallucinations	13%	Flying or floating sensations. Autoscopic or out-of-body experiences. Perception of distorted objects. Sensed presence hallucinations.



Meditation

Focused attention

focus on object, detect distraction, refocus on object

Open monitoring

object is all that arises, open and alert mode

Automatic self-transcending

no control of attention or monitoring, form of surrender into pure consciousness

Meditation

Levels of awareness (yogasutra, vedas)

- i. Externally oriented senses
- ii. Discursive mind
- iii. Discriminating mind
- iv. Assigning "mine/my/l"
- v. Pure positive affect (Savikalpa Samdhi)
- i. Pure consciousness (Nirvikalpa Samadhi)

States of Self-Loss

Disruption of self narration thoughts about self (in time) suppressed

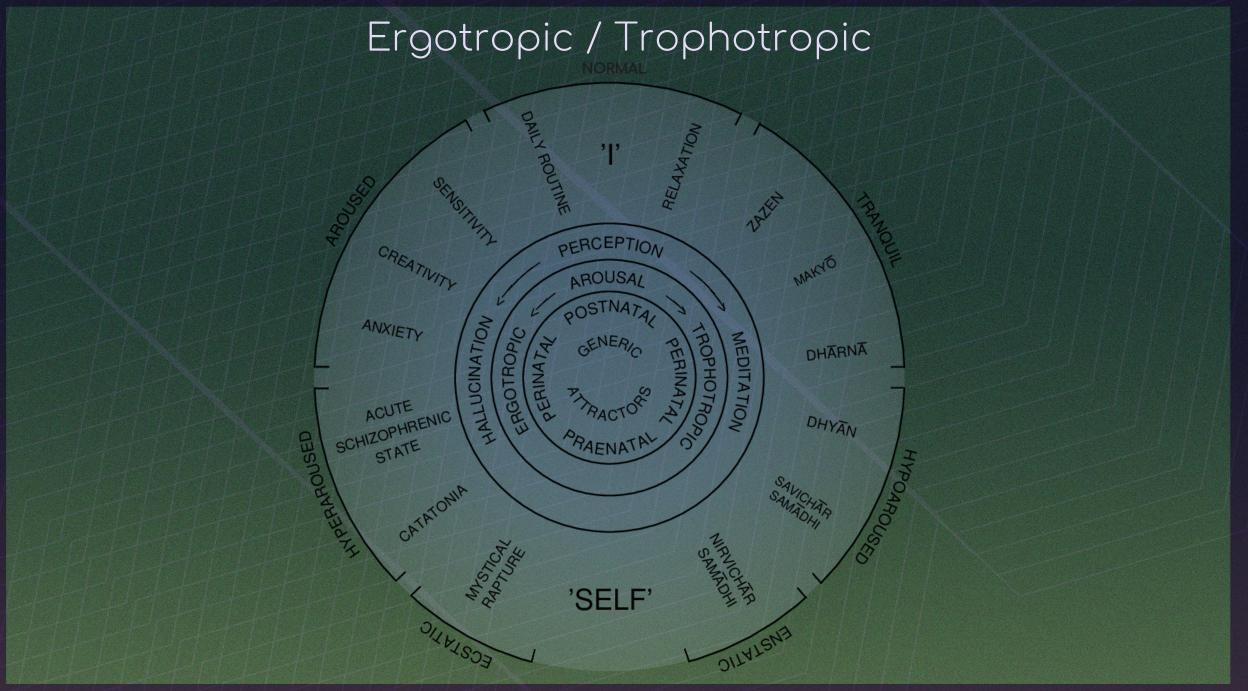
Disruption of embodied self

loss of

A) body ownership B) bodily awareness in general C) spatial self-location

States of Self-Loss

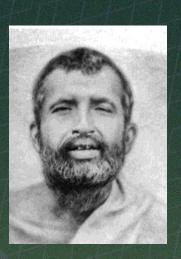
	Self-loss in psychedelic states	Self-loss in meditation
Body ownership		
Bodily awareness		
Self-location		
Phenomenal richness	+++ (except 5-MeO-DMT)	
Self-related thoughts		
Access to semantic autobiographical information		-



Pure consciousness (Nirvikalpa Samadhi)

transcending

Pure consciousness



Ramakrishna: "all vanished from my sight, leaving no trace whatsoever and in their stead was a limitless infinite, effulgent ocean of consciousness"

Pure consciousness



Meister Eckhart: "...there is only unity in the Godhead and there is nothing to talk about. [...] The difference between God and the Godhead is the difference between action and non-action."

Pure consciousness

Pure consciousness can happen

- i. Isolated absence of content (Kevala Nirvikalpa Samadhi) Introvertive Mystical Experience (IME)
- i. Co-emergent along with experience as its ground (Sahaja Nirvikalpa Samadhi) Extrovertive Mystical Experience (EME)

Pure consciousness

Some arguments against and for

Steven Katz all experience culturally shaped

per definition absent of cultural content

Rocco J. Gennaro cannot have memory of no content

descriptions point to pure consciousness being self-evident and non-dependent on memory

Absolutely contentless or residuals?

eastern traditions:

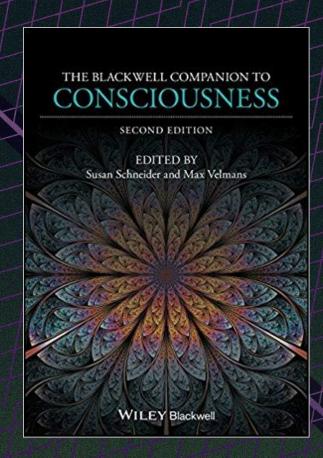
- Therevada: all states have some content
- Tibetan Buddhism: contentless experiences exists
- Yoga: states differ but experientially indistinguishable

consciousness depends on change

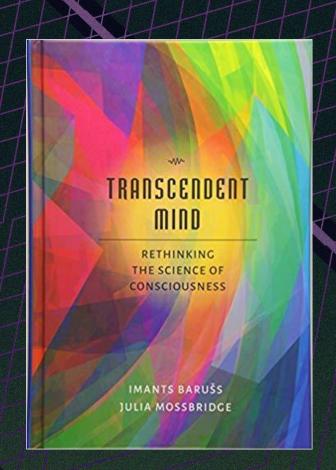
Mark Woodhouse change presupposes a changeless backdrop

Bertrand Russel Meditation is an unusual experience, therefore inherently suspect. Having contrast is crucial.

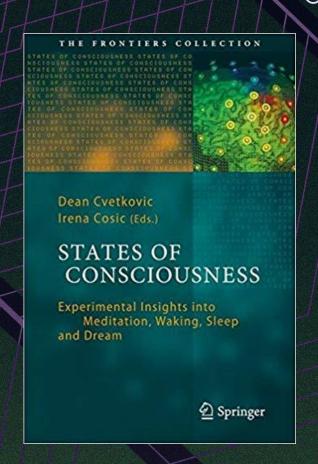
There is no usual experience.



The Blackwell Companion to Consciousness



Transcendent Mind



States of Consciousness