SYNESTHESIA

Can you see a *painting* of my energy?

Alexandra Dyalee
for *Introduction to Cognitive Science*

WHAT IS IT?

Synesthesia is a rare condition that is characterized by the **conscious experience of stimulus attributes that are not present in a particular physical stimulus** (Meier, 2022).

- numbers may evoke colors
- words may trigger tastes
- silent movement of an object may elicit a sound

„A NEUROLOGICAL CONDITION“

X ICD CLASSIFICATION

PLEASANT EXPERIENCES...

VIEWS ON SYNESTHESIA

Meier (2022)

NEURAL LEVEL: hyperconnectivity

COGNITIVE LEVEL: memory performance, creativity

PSYCHOLOGY: openness, (schizotypy)

CLINICAL PSYCHOLOGY: genetic link with disorders

a CONGENITAL condition

TYPES OF SYNESTHESIA

Cleveland Clinic, Hubbard & Gosavi (2020)

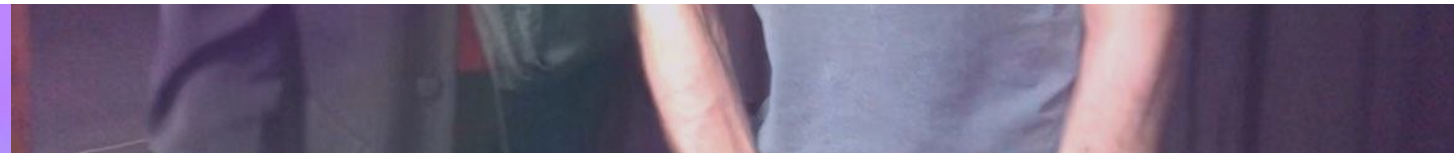
DAY-COLOR SYNESTHESIA: days of the week → colors

SOUND-COLOR SYNESTHESIA: sounds → colors

MIRROR-TOUCH SYNESTHESIA: something happen to someone else → PHYSICALLY feel it, too

...or **Daniel Tammet** : sequence of digits → a story

me : human energy → colorful visualisation



IT IS BEING NEURODIVERSE

OR HAVING A BRAIN DAMAGE OR BEING DRUGGED ☺

NEURODIVERSITY

→ more connections ⇒ people with ASD is at least **triple** the rate in people without ASD (*Cleveland Clinic*)

BRAIN DAMAGE

→ change and evolve of connections

High **prevalence rate** in patients with **psychiatric conditions** (ASD, schizophrenia, anxiety disorders).

MY PERSONAL SYNESTHESIA

PEOPLE'S ENERGY → COLORFUL VISUALISATIONS

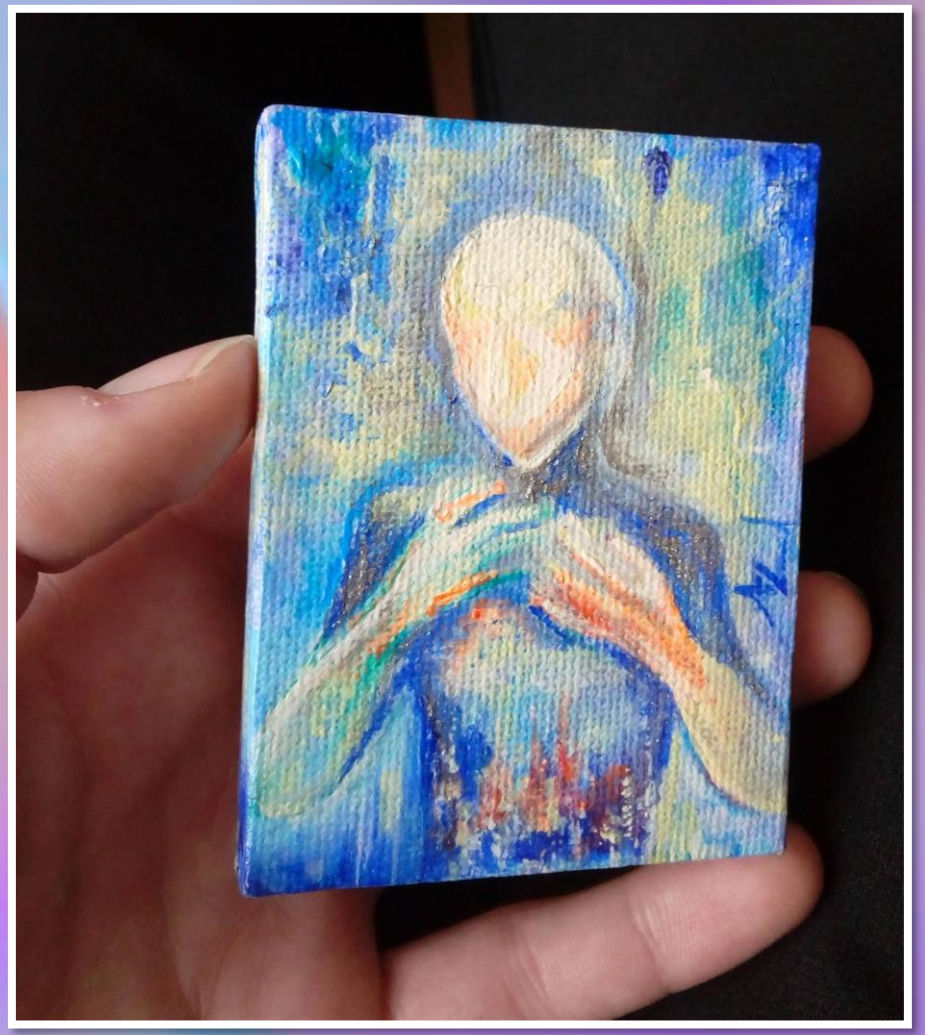
SOUNDS → 3D DYNAMIC SHAPES

GRAPHEME → COLOR

EMOTIONS → COLOR, BRIGHTNESS, SHARPNESS

↑

TIME OF THE DAY



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- Introspection of author's neurodivergence.