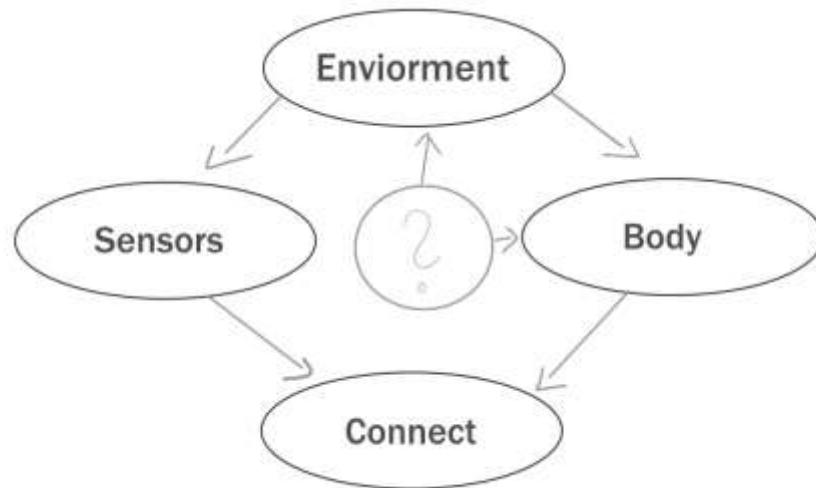


CONCEPT

For my project I want to design a device that helps me to better understand and perceive my environment. For this purpose, sensors are sewn in which will collect specific values from different circumstances. I measure my own electrical currents to observe whether different circumstances have an influence on my body.



In many cultures, as in science, it is believed that where we are and the circumstances of that place affect our body energy, posture and soul. The more consciously we move within it, the more our spirit is able to evolve and see and understand the world in a divine way. I have been dealing with spiritual questions and doubts for a long time. With these observations I hope for small revelations. as well in the time where I am creating and moving.

Nature is the great tranquillity compared to our mobility. That is why man will love it more and more the finer and more mobile he becomes.

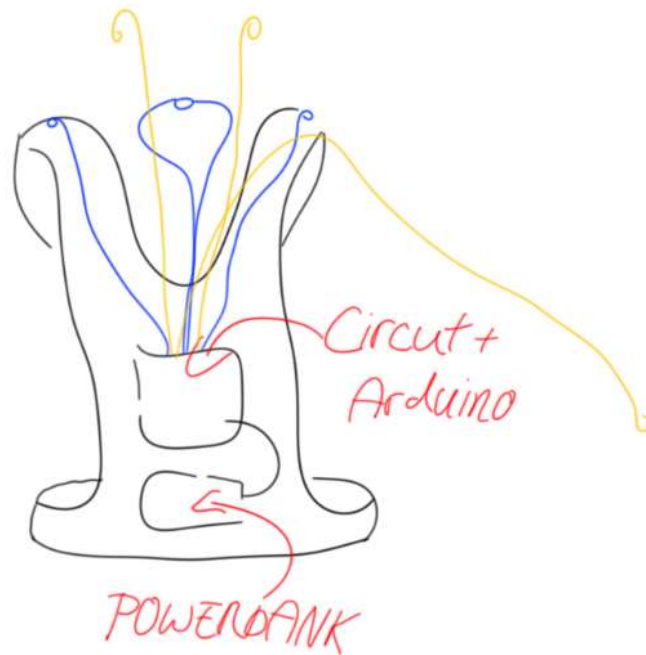
-Christian Morgenstern (translated by DeepI)

SENSORS+ELEKTRONICS

To measure the environment, a gas sensor, a light sensor, a distance sensor are being connected to an Arduino and read out in *raw sensor data*. To tap into my electrical signals,

a circuit (by Martin Howse) is connected and read out in *raw sensor data*. Every 30 seconds the values are sent to the Arduino. When *my* values match those of the environment, the connect moment occurs.

WEARABLES

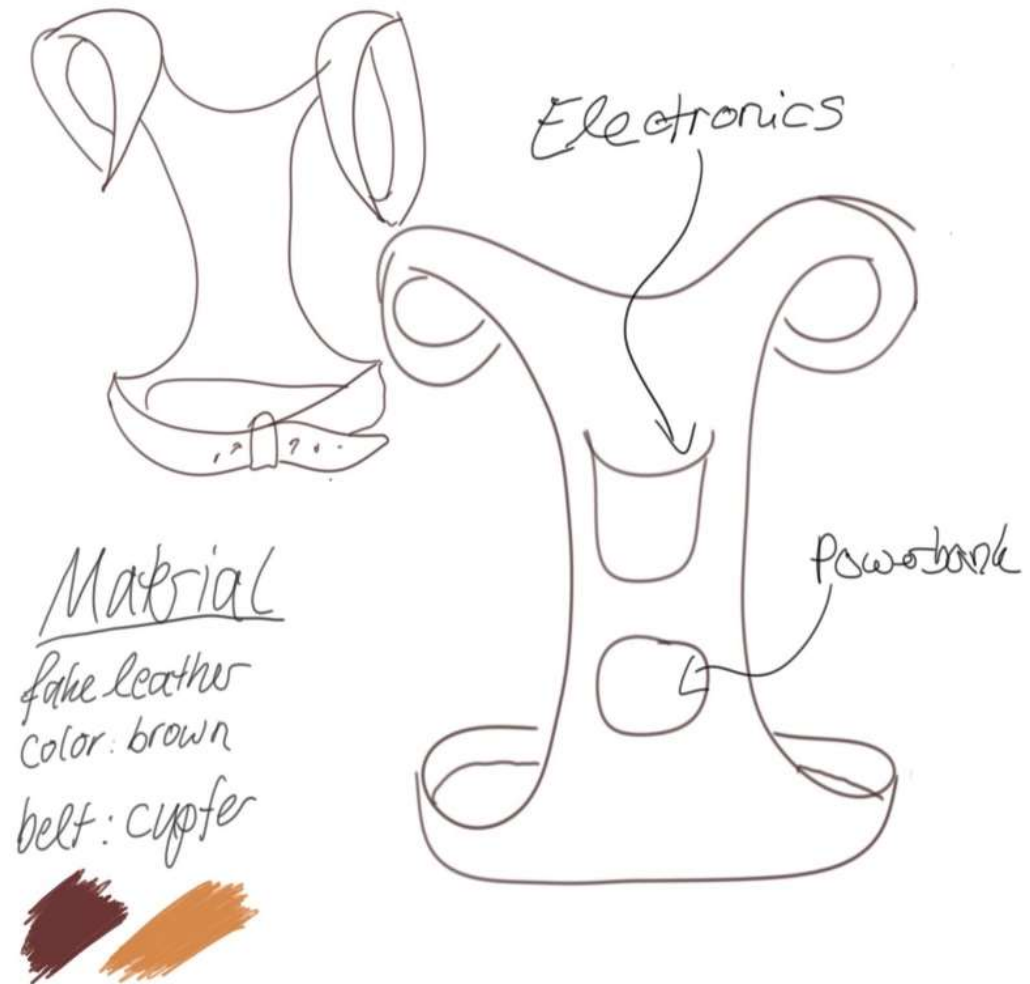


To stow the electronics and have freedom of movement a leather harness that can be easily taken on and off is sewn. On the back are storage spaces for the electronics. A linen dress is worn underneath. This is inspired by the anthroposophical and traditional spiritual clothing and its meaning in being a human on this earth.

The cables for the body measurements are coated copper wire designed into earrings and a ring.

The Design must be

- **Functional**
- **Simple**
- **Easy to take on/off**
- **Subtle, non-dominant aesthetics**
- **Unsexual**
- **Avoid Gender association**
- **Flexible for movement but still resistant**
- **Does need the measurements of the electronics**
- **Must be flexible for sudden change of electronics**
- **(Water resistant)**

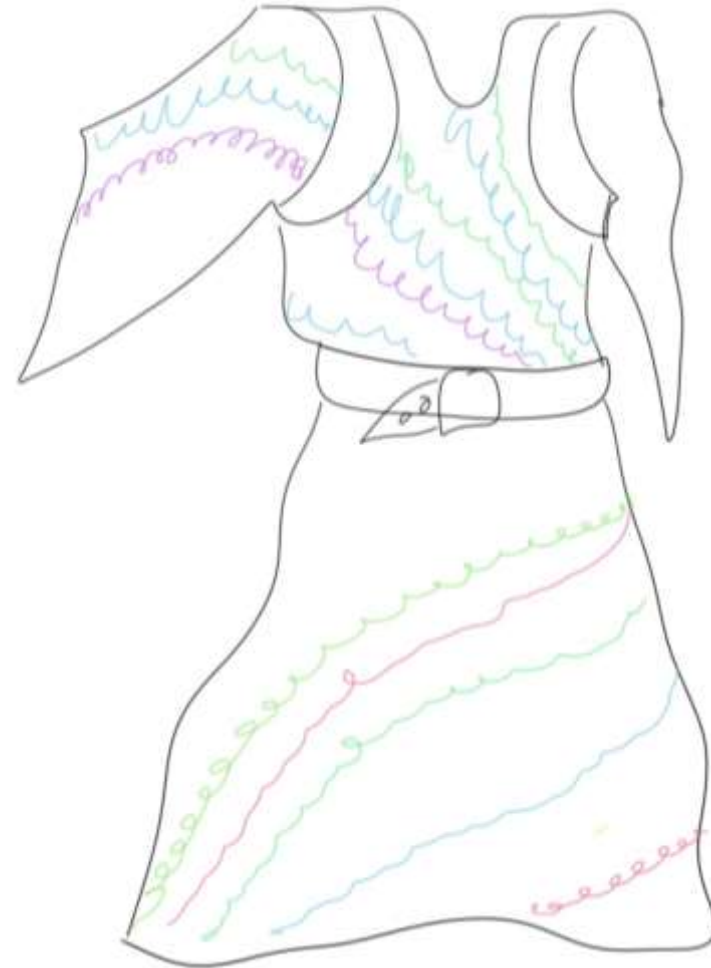


CONNECT (?)

When the values overlap or are very close to each other, the **CONNECT moment occurs. This can be seen on the dress. A row of Leds is sewn in for each sensor, which then lights up. Each sensor gets a different color.**

The LED must

- **Be bright**
- **Have different colors for each sensor**
- **Have a design pattern that does not look ridiculous**
- **sewn into the dress**



REFERENCES + INSPIRATION

WEARABLES

Anna Dumitriu

<https://annadumitriu.co.uk/portfolio/the-romantic-disease-dress/>

<https://annadumitriu.co.uk/portfolio/the-hypersymbiont-dress/>

Afroditi Psarra

<https://afroditipsarra.com/>

<https://afroditipsarra.com/work/the-culture-series>

Laura Beloff

https://www.realitydisfunction.org/?page_id=102

<http://randomseed.org/sevenmileboots/>

Nicky Assmann

<https://nickyassmann.net/work/circuit-dress/>

Evelyn Lebis

<https://www.wired.com/2010/06/gallery-smart-textiles/>

Mindaugas Gapševičius, Maria Safronova Wahlström
In collaboration with Helga Mogensen (jewelry), Leon Crayfish (shoe design)

<http://triple-double-u.com/you-and-i-you-and-me/>

<https://echogonewrong.com/exploring-the-impact-of-the-environment-through-electricity-a-conversation-with-mindaugas-gapsevicius-and-maria-safronova-wahlstrom/>

<https://abcnews.go.com/Technology/breakthrough-electronic-display-fabrics-pave-smart-clothing/story?id=76428073>

<https://www.printedelectronicsworld.com/articles/23371/wearable-electronic-textiles-for-the-smart-dresser>

<https://ganitgoldstein.com/3d-kimono/>

HARNESS

<https://hypebeast.com/2020/3/a-cold-wall-frame-faux-leather-body-harness-release>

<https://hypebeast.com/2020/3/a-cold-wall-black-harness-leather-bag-release>

<https://haixun.com/products/arm-vest-shirt>

Observe Experiment Connect-Sophia Amelia Eickhoff-Class of Professor Ursula Damm

ANTHROPOSOPHY AND CLOTHING

<https://anthrowiki.at/Gewandformen>

<https://www.anthroposophie.ch/de/anthroposophie/news/artikel/kleidung-im-dienst-der-entwicklung-des-bewusstseins.html>

BOOKS

The Sacred and the Feminine: imagination and sexual difference / Pollock, Griselda *1949-* [2007]

On the strange place of religion in contemporary art / Elkins, James *1955-* [2004]

Schmuck aus Draht / Stofer, Hans [2006]

Anthroposophie und Malerei: Gespräche mit 17 Künstlern / Mäckler, Andreas *1958-* [1990]

Ästhetik und Spiritualität: Bilder - Rituale - Theorien / Rombold, Günter *1925-2017* [1998]

Me and my environment are holding an invisible conversation, when we agree, my dress lights up.