SkypeLab – is part of the ‘Baden-Württemberg-STIPENDIUM for University Students – BWS plus’, a program of the Baden-Württemberg Stiftung.
Rounds of lab meetings
ROUNDS OF BLIND DRAWING
Nov Dec 2016
it can trake the eyes and makes this hit contorns contours

you are frozen

the picture just changed and than in another second you had the scarf on the head
ROUNDS OF BLIND DRAWING
Nov Dec 2016

biophysical records track behavioral engagement
Monitoring emotional/affective arousal through variations of skin electrical conductance.
SOME NOTES

- the Skypelab experience demands a light motor behavior

- patterns of skin conductance levels as a function of time have been far demonstrated as biophysical peripheral correlates of complex behavioral experiences

- more specifically, phasic and tonic responses are biophysical marks of electrodermal activity represented in measures of skin conductance during the Skypelab experience

- the three records analysed: Arthur with Nanna, Alice with Susanna and Rodrigo with Yesim
Skin Conductance Level (SCL): overall tonic variation
Skin Conductance Responses (SCRs): overall phasic variation
variations of SCL – Skin Conductance Level –, the tonic component, at conditions of light motor demand, is consistent with a behaviorally-driven chronic state of emotional arousal, which leads to sustained changes of skin humidification. SCL is an expression of the homeostasis forces of the biological body, which exert a dynamic control on sudoresis.

the development of SCRs – Skin Conductance Responses –, the phasic (fast changing) components, is compatible with the presence of acute stimuli marked by attentional, emotional/affective, and/or cognitive demands.

Although we have decided not to invest on a sistematic study anchored on controlled scientific experimentation, it seems fair to suggest that the blind painting readiness for execution, the drawing execution itself, as well as the act of showing their drawings to pairs represent stimuli to SCRs events during the Skypelab experience.
due to the process of
embodied cognition
forced by experience
an experience is centralized and
ultimately
defined
by
a subject

a function of homeostatic plasticity
by complex
aesthetical
arousal

$\Delta = \text{homeostatic adjustment}$

net behavioral arousal

$a \Rightarrow \text{behavioral driving force}^*$

$A_{Ctl} + \alpha t$
a deepening of the telematic experience along the session is fairly predicted

coherently with this theoretical/empirical assumption, the biophysical records reveal signs of increasing behavioral arousal during blind drawing telematic sessions, for instance a bell-shaped curve, suggested by upward and/or downward variations of SCRs’ frequency and/or their peak amplitudes

coexistence of SCL and SCRs are also coeherent with general hypotheses in the scientific literature claiming for specific biological adaptative responses to cognitive and affective demands (i.e., complex aesthetical), as herein represented by the Skypelab experience
\[ \int_0^t = f(t)dt \]

biophysical work driven by
(complex behavioral/aesthesis)
experience

blind designed by

and

and

pha

pha
\[ \int_{0}^{t} f(t)dt \]

↓

biophysical work driven by
(complex behavioral or aesthetic)
experience

blind designed by tonic

and

phasic

aspects of homeostatic arrangements
- or trace components
Skypelab is a complex behavioral experience, accompanied by multimodal cognitive, affective and aesthetical raptures.

Individual, subjective perceptual, affective and cognitive transits are simultaneously impressive and expressive aspects of the experience.

Skypelab is then, inextricably, dictated by a complex aesthetic, predicted in other models of contemporary arts, and expected whenever a complex transdisciplinary episteme comes into play for creative knowledge growth, including in science.
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