



co-Ability
Aligned arguments
for the dissolution
of a human “centre”

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Theses

Research

'Science', 'design', 'disability', and 'technology' has a common aspect in being somewhat homogenous. Therefore they trespass the boundaries of categories, representing variation in methods and paradigms in the shared common cultural everyday space. Doctoral research with a single researcher in such a subject allows the freedom to develop an exploration led by the analysis of theoretical concerns, engaging in dialogue with design practice, focusing on main questions from a particular single case study project the pressure of developing or commercialising a terminal design product.

Design + Disability

The ethical and political dimensions of design for disability do not necessarily affect the user experience of a disabled person but instead help improve the experience of being human. The reflective symmetry in key elements between disability studies and design approaches questions the validation of a homogenous human need and thus reflects on how co-design can become a driving fuel for generating new possibilities. The discourse of design for social innovation combined with the nature of design, and the criticality of craftsmanship in the 'maker movement' with the social situation of disability predominantly attempt to reform everyday life culture and offer changes for the conceding relation between society and market.

Prosthesis

The competition among medical device manufacturers in the healthcare industry establishes segmentations based on monopolised policies linked to techno-centred know-how of a product often on the global market scale. These medically specialised objects combined with novel technologies are mainly unaffordable without governmental help or charitable associations, and 'the clients are rarely seen as customers because they neither paid for their equipment nor had a major say in the choice of the equipment purchased' (Dezső, 2019).

With a prosthesis functioning as a social symbol and a political emblem for oneself, the distinction between aesthetics and usability is blurred. Indeed, the form of a prosthesis does question the bio-normative body model and also question the necessity of an artificial interpretation of a biological limb. The tangible material condition of the prosthesis prototypes provides the possibility of operating with a set of 'boundary objects' within design discussions which include latent perspectives carried out.

Co-design + co-Ability

The framework of situated research in the design discourse closely connected to disability studies maps out and builds up a view of co-Ability. The discursive co-design process with the active contribution of a person with a disability leads to self-reflections also on my part as a designer. The tangible material conditions of digital craft are considered a process rather than a product, which leads to understanding why design is more than an interface between a material object and its use.

The relationship between 'head' and 'hand' + 'materials' and 'tools' manifest themselves in the context, instead of bilateral symmetry critically address the transversal form of understanding the bond that connects them.

Outcome

When disability is not taking part in communicating design excellence in the power of care, it cooperates to represent substantive ideas with topical complexity of disability that is more relevant to individuals and the general public. In this view, discursive prosthetic design appearance carries a deeper, more integrative argument that is significantly connected with the general viewer and represents the theory development. The data of the artefacts constructs the evidentiary values. The digitally crafted prosthetic prototypes encode a tangible chain of thoughts with a result of design synthesis of knowledge and research question with the central links of the method.



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