

指先が可能にすること ～コロナ禍における「経験のための戦い」その1

Exploring What Fingertips Are Doing:

Homage to “The Necessity of Experience” under the COVID-19, Part 1

白水 始¹

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Abstract: The COVID-19 deprives us of *firsthand experience*, which makes full use of “ecological information” in Reed’s words [1]. I proposed that this SIG of Skill Science plays an important role in this era by translating their body of knowledge into action, as it has accumulated rich knowledge concerning about, embedded in, and acquired through human body. Yet, such research becomes too huge to pursuit without constraints, this series of studies focuses on what our *fingertips* are doing in collaborative problem solving and collaborative learning situations via face-to-face communication. Specifically, this study re-analyzed data of collaborative problem solving [2][3] collected in the ante-COVID-19 era by focusing on moves of fingertips and utterances of participants. The results, though preliminary, indicated that their fingertips served multiple roles simultaneously such as exploring the external world, externalizing intermediate solutions, taking and reclaiming turns, and representing their points-of-view. Future studies deal with a comparison between a face-to-face situation and an online situation in order to examine if the COVID-19 deprives us of dancing with fingertips.

- [1] Reed, E.: The Necessity of Experience, London: Yale University Press, (1996)
- [2] Shirouzu, H., Miyake, N., and Masukawa, H.: Cognitively Active Externalization for Situated Reflection, Cognitive Science, Vol. 26, No. 4, pp. 469-501, (2002)
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