

On Civil Participation in the Systematization of Scientific Technology

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Abstract

The purpose of my study is to develop a theory to describe the subjectivity of the people who are participating in scientific technology. Centralized authorities for making a decision of scientific technology sometimes produce problems. Especially, technocratic dominance on scientific technology is easy to turn into the disregard of people's lives. Therefore, we need to consider how people can participate in scientific technology.

A. Feenberg develops the theory of making a decision of technology ("technological design") and discusses "democratic rationalization" performed by people who resist the technocratic dominance. However, in my opinion, the concept of the "agency" in Feenberg's discussion needs to be examined. Feenberg seems to be based on the idea of "communicative rationality" borrowed from J. Habermas; however, it prevents him from considering a problem of *the education* and *discipline* on those who are excluded from the public domain. In place of this, I would like to present a basic idea of *technological literacy* and also a philosophical theory of technology to describe the experience of the exclusion and inclusion of technological subject.