

## Title: Towards a Phenomenological Grammar of Human-Technology Relations

In my recent article (2020), I argued that Ihde's formalisms for three of his human-technology relations admit of a generative grammar that extends his postphenomenological framework. I proposed a notation that adheres to six rules of syntax that can be derived from Ihde's framework. I also showed that my proposed notation makes explicit the inter-relations among hidden dimensions of human-technology relations. Ultimately, a phenomenological grammar of human-technology relations, I hope, may help develop postphenomenology as a discipline. In my presentation, after summarizing the paper, I will go beyond it by suggesting new research directions based on its results. Among other topics, I will touch on my current investigation into human-technology relations with respect to machine-learning algorithms (or AI). I am open to and welcome comments, criticism, and collaboration.

### References

- Ihde, D. (1990). *Technology and the lifeworld: from garden to earth*. Bloomington: Indiana University Press.
- Luan, S.T. The Hidden Dimensions of Human–Technology Relations. *Philos. Technol.* 33, 141–165 (2020).