

A logic of interrogative attitudes

Dorota Leszczyńska-Jasion

Dorota.Leszczynska@amu.edu.pl

Department of Logic and Cognitive Science, Adam Mickiewicz University, Poznań

In recent years, a growing trend in epistemological literature has placed the process of questioning and questions at the center of attention [1–5,8–9]. Some even speak of an “interrogative turn” in epistemology [5]. One might question whether this constitutes a true breakthrough or merely a rediscovery of familiar ideas, but there is no doubt that foregrounding the notion of the *interrogative attitude* (or *questioning attitude*) opens up an intriguing research area. Topics explored within this framework include the explication of *erotetic rationality* (though, in the context of rediscovering the wheel, see [10]). At the same time, some valuable works provide proof-theoretic formalizations of these interrogative epistemological concepts [6–7]. However, systematic logical studies on interrogative attitudes remain lacking.

In my talk, I propose a logic of interrogative attitudes – that is, attitudes of an agent towards questions – treating interrogative attitudes as modal operators. In addition to the interrogative attitude, I introduce an operator for cognitive access to knowledge and analyze these operators in the context with the standard knowledge operator.

- [1] Friedman, J. (2013). Question-directed attitudes. *Philosophical Perspectives*, 27(1), 145–174.
- [2] Friedman, J. (2019). Inquiry and belief. *Noûs*, 53(2), 296–315.
- [3] Friedman, J. (2020). The epistemic and the zetetic. *Philosophical Review*, 129(4), 501–536.
- [4] Friedman, J. (forth.[a]). Inquiry in epistemology: Doxastic attitudes as zetetic attitudes [The Blackwell Companion to Epistemology, 3rd ed.].
- [5] Friedman, J. (forth.[b]). Zetetic epistemology [Towards an Expansive Epistemology: Norms, Action, and the Social Sphere. Baron Reed & A. K. Flowerree (eds.)].
- [6] Millson, J.A. (2019). A cut-free sequent calculus for defeasible erotetic inferences. *Studia Logica*, 107, 1279–1312.
- [7] Millson, J.A. (2021). A defeasible calculus for zetetic agents. *Logic and Logical Philosophy*, 30, 3–37.
- [8] Whitcomb, D., and Millson, J. (2023). Inquiring Attitudes and Erotetic Logic: Norms of Restriction and Expansion, *Journal of the American Philosophical Association* 10(3):444-466.
- [9] Willard-Kyle, C., Millson, J., and Whitcomb, D. (2024). Evoked Questions and Inquiring Attitudes, *The Philosophical Quarterly*, <https://doi.org/10.1093/pq/pqae083>
- [10] Wiśniewski, A. (1990). *Stawianie pytań: logika i racjonalność*, Wydawnictwo Uniwersytetu Marii Curie-Skłodowskiej, vol. 28 of *Realizm Racjonalność Relatywizm* series.