Literature suggestion for the Gödel seminar

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1. Concise overview on Kurt Gödel and his writings: Kennedy [2018]

2. Gödel's general philosophical views: Feferman et al. [1990e], Gödel [1995], Feferman et al. [1995b], Feferman et al. [1990b]. Some more explicit sources: Wang [1996], and Crocco et al. [2017]. (Crocco and Engelen [2016] contains many extracts from Gödel's unpublished notes.) A good overview is provided in van Atten and Kennedy [2003].

3. Foundations and philosophy of mathematics: intuition, completeness theorem, computability and analyticity, set-theoretic multiverse; see chapters in Kennedy [2014].

4. Ontological argument:Feferman et al. [1995c]. Feferman et al. [1995a] is also helpful.

5. Attempts to formalize provability and the distinction of the concept of "absolute proof" and a proof in a concrete formal system: Feferman et al. [1990c]

6. On connections between provability and Turing machine: Feferman et al. [1990a], [Gödel, 1986b, postscriptum on pp. 369–371], also in [Gödel, 1995, p. 308–309], and in [Gödel, 1986a, note on p. 195], Feferman et al. [1990d].

7. Connection between intuitionistic and classical logic: Gödel [1933], Gödel [1969]

8. Notion of time: Gödel [1949, 1995]; maybe also Goldstein [2006], Yourgrau [1991]

9. Gödel [1930, 1986a] are general pretext for the above topics; see also Nagel et al. [2001] for a non-technical introduction.

10. Gödel's first steps in Logik: Von Plato [2018a]

11. Recent article on Gödel's incompleteness theorem: Von Plato [2018b]

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