

Frege, Foundations of Arithmetic
Essay 5: Frege's general project

Readings:

- (!) Frege, *Foundations of Arithmetic*, Introduction, §1-4, §87-91, §105
- (!) Dummett, M., *Frege, Philosophy of Mathematics*, ch.3.
- (!) Shapiro, S., *Thinking about Mathematics*, (OUP, 2000), chapter 5 - §1 and §4.
- Benacerraf, P., '[Frege: the last logicist](#)', *Midwest Studies in Philosophy* 6, pp. 17-36.
- Coffa, A., '[Kant, Blozano, and emergence of Logicism](#)', *Journal of Philosophy* 79 (1982), pp. 679-689.
- Boolos, G., 'Is Hume's principle analytic?', in Boolos, G., *Logic, Logic, and Logic* (Harvard University Press, 1988).

Essay question:

What does Frege mean by the claim that arithmetical statements are 'analytic' and how does his claim relate to Kant's claim that they are 'synthetic a priori'? How important is analyticity to Frege's general project in the *Foundations*? Does Frege ultimately succeed in showing that arithmetical statements are analytic?