

**Hájek, Petr**

**Magari and others on Gödel's ontological proof.** (English) [Zbl 0859.03010](#)

Ursini, Aldo (ed.) et al., Logic and algebra. Proceedings of the international conference dedicated to the memory of Roberto Magari, April 26–30, 1994, Pontignano, Italy. New York, NY: Marcel Dekker. Lect. Notes Pure Appl. Math. 180, 125-135 (1996).

The paper is a continuation of the author's German "Der Mathematiker und die Frage der Existenz Gottes" [in: Buld et al. (eds.), Wahrheit und Beweisbarkeit – Leben und Werk K. Gödels (to appear)]. Concerning Gödel's Proof of the Existence of God it is shown:

- 1) Magari is not right in claiming that the first three axioms of Gödel's are enough to prove the existence of a godlike being.
- 2) There are systems with full comprehension schema (Anderson's) for which Magari's claim holds.
- 3) Magari models can be strengthened to be adequate, completeness is shown.
- 4) It is sufficient to use a weaker logic than S5 (in fact: KD45).

For the entire collection see [[Zbl 0846.00022](#)].

Reviewer: [U.Scheffler \(Berlin\)](#)

**MSC:**

[03B45](#) Modal logic (including the logic of norms)

[03A05](#) Philosophical and critical aspects of logic and foundations

Cited in **7** Documents

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[comprehension axiom](#); [completeness](#); [Gödel's proof of the existence of God](#)