

**Leivant, Daniel**

**On the proof theory of the modal logic for arithmetic provability.** (English) Zbl 0464.03019  
*J. Symb. Log.* 46, 531-538 (1981).

For a scan of this review see the [web version](#).

**MSC:**

**03B45** Modal logic (including the logic of norms)  
**03F05** Cut-elimination and normal-form theorems

Cited in **3** Reviews  
Cited in **15** Documents

**Keywords:**

[provability](#); [cut elimination](#); [cut free derivations](#); [interpolation theorem](#); [quantifier extensions](#)

**Full Text:** [DOI](#)

**References:**

- [1] Foundations of mathematical logic (1963) · [Zbl 0163.24209](#)
- [2] Interpolation theorems for modal logics 39 pp 416– (1974)
- [3] Reflection principles and iterated consistency assertions 44 pp 33– (1979) · [Zbl 0409.03010](#)
- [4] The unprovability of consistency (1979)
- [5] Modal logic (1973)
- [6] Proof theory (1978)
- [7] DOI: 10.1007/BF02757006 · [Zbl 0352.02019](#) · doi:10.1007/BF02757006
- [8] Logic Colloquium '77 (1978)
- [9] Completeness, compactness and undecidability (1975)
- [10] Solution of a problem of Leon Henkin 20 pp 115– (1955) · [Zbl 0067.00202](#)
- [11] Introduction to metamathematics (1952)
- [12] Conference in Mathematical Logic, London, 1970, Lecture Notes in Mathematics pp 111– (1972)
- [13] Failures of the interpolation lemma in quantified modal logic 44 pp 201– (1979) · [Zbl 0415.03015](#)
- [14] First-order logic (1968) · [Zbl 0172.28901](#)

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