

**Markoski, Branko; Hotomski, Petar; Malbaški, Dušan; Obradović, Danilo**

**Dijkstra's interpretation of the approach to solving a problem of program correctness.**

(English) [Zbl 1265.03029](#)

Yugosl. J. Oper. Res. 20, No. 2, 229-236 (2010).

The authors present a denotational interpretation of executions of programs which is based on Dijkstra's ideas about programming logic. Program executions are described using a formal system, while the corresponding semantics consist of sets of states of the considered programs. Denotational interpretations of total and partial correctness are specified in this framework.

Reviewer: [Zoran Ognjanović \(Beograd\)](#)

**MSC:**

[03B70](#) Logic in computer science

[68N30](#) Mathematical aspects of software engineering (specification, verification, metrics, requirements, etc.)

[68Q55](#) Semantics in the theory of computing

Cited in **1** Document

**Keywords:**

[denotational interpretation](#)

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