

Reisig, Wolfgang

Petri nets. An introduction. Transl. from the German. (English) Zbl 0555.68033

EATCS Monographs on Theoretical Computer Science, 4. Berlin etc.: Springer-Verlag. X, 161 p. DM 69.00 (1985).

[For a review of the original edition (1982) see [Zbl 0482.68054](#).]

The author presents a basis of Petri net theory. First, he introduces condition/event systems and gives their properties. Next, he deals with place/transition nets and analyses them by means of invariants. Predicate/event nets are also considered. Practical application of nets are shown by means of examples.

Reviewer: [W.Kwasowiec](#)

MSC:

[68Q85](#) Models and methods for concurrent and distributed computing (process algebras, bisimulation, transition nets, etc.)

[68-01](#) Introductory exposition (textbooks, tutorial papers, etc.) pertaining to computer science

Cited in **2** Reviews
Cited in **145** Documents

Keywords:

[Petri net](#); [condition/event systems](#); [place/transition nets](#); [invariants](#); [Predicate/event nets](#)