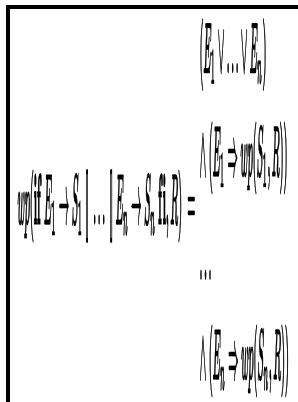


Predicate transformer semantics

Cambridge University Press - Talk:Predicate transformer semantics



Description: -

- Computer science -- Mathematics.
Programming languages (Electronic computers) --
Semantics.Predicate transformer semantics

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Cambridge tracts in theoretical computer science ;Predicate
transformer semantics

Notes: Includes bibliographical references and index.
This edition was published in 2004



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Tags: #[2005.00197v1] #Combining #predicate #transformer #semantics #for #effects: #a #case #study #in #parsing #regular #languages

Predicate transformers as power operations

To learn more, see our. It seems that naming this property non-aborting would be more appropriate: in total correctness, non-termination is abortion, whereas in partial correctness, it is not. Proceedings of the American Mathematical Society Symposia on Applied Mathematics 19, 19—31.

Predicate

Indeed, such programs have many applications in hiding of information using some randomized noise , symmetry breaking. Non-deterministic guarded commands Actually, Dijkstra's GCL is an extension of the simple imperative language given until here with non-deterministic statements.

CiteSeerX — Deriving Predicate Transformer Semantics for pGCL from its Direct Semantics

Some tools like provide now in order to promote this methodology. Individual states are not mentioned. Among them, Hoare Type Theory combines for a -like language, and.

semantics

ACM Transactions on Programming Languages and Systems.

Predicate transformer semantics

A is exactly the formula that satisfies A.

Predicate transformer semantics : definition of Predicate transformer semantics and synonyms of Predicate transformer semantics (English)

Monotonic Predicate transformers of interest wp, wlp, and sp are. A predicate transformer T is monotonic if and only if. This property is related to. Strict A predicate transformer T is strict iff. For instance, wp is strict, whereas wlp is generally not.

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