Value Analysis of Multi Staged Language

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Multi Staged Language

multi stage features

code is a value code can be interpreted as a program code can be modified



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Value Analysis But, when I tried to design a analysis, I met....

$$\begin{bmatrix} \text{eval} & e \end{bmatrix} = \bigcup_{e' \in \gamma([e])} \begin{bmatrix} e' \end{bmatrix}$$



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Transformation		
	one day, i met a paper	
[Aktemur] : Type Checking Program Generators Using the Record Calculus , Baris Aktemur		
R SAEC cent	er	13 / 27

Research On Software Analysis for Error-free Computing

소프트웨어 무결점 연구센터 KOSEF ERC

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Transformation

[Aktemur] suggests a language \mathbbm{L} and a transformation \mathbbm{T} s.t.

language L = lambda calculus + record



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