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## Towards a Parallel Inference Hnchine: the APIH project

Vlahavas, J.

Microprocessing and Microprogmmmlng

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| Title:    | Towards a Parallel Inference Hnchine: the APIH project   |
|-----------|--|
| Year:     | 1990   |
| Author:   | J Vlahavas, C Halatsis, A. Pombortsis,   |
| Abstract: | This paper gives an overview of the APIM (Aristotle Parallel Inference Machine) research project, which aims to the design of a new multiprocessor architecture for the parallel execution of logic programs. The APIM system is designed to support both OR-parallelism and independent AND-parallelism in an all solutions approach. It has been developed by adapting the RPM, a sequential high performance inference machine, developed in our Lab. |