Here is the list of (tentative) titles of the papers that have been promised to us. The tentative title of the collection, "Artificial Intelligence and Mathematical Theory of Computation," reflects very well what the papers are about, but it would be nice to have something not quite so dry. Any ideas?

--Vladimir


W. Bledsoe. Formula Simplification within a Theory.


R. Cartwright. Lambda as a Combinator.

E. Feigenbaum. Artificial Intelligence: Some Historical Perspectives.

J. Feldman. Robots with Common Sense.
S. Feferman. Termination Proofs and the "91" Function.

R. Filman. Ascribing Artificial Intelligence to (Simpler) Machines, or When AI Meets the Real World.

R. Gabriel. The Design of Parallel Programming Languages.

C. Goad. Technologies of Awareness.

W. Gosper. LISP + Calculus = Identities.

P. Hayes. Taking Advice.


C. Hewitt. Intelligent Agents and/or Open Information Systems.

T. Ito. Lisp and Concurrency.


D. Knuth. Textbook Examples of Recursion.

H. Levesque. Belief and Introspection.


Z. Manna. Modular Verification of Concurrent Systems.


H. Moravec. Caution! Robot Vehicle!

V. Pratt. Iteration: The Tame Engine of Wild Recursion.

P. Rathmann and G. Wiederhold. Circumscription and Authority.
R. Reiter. The Frame Problem in the Situation Calculus: A Simple Solution to the Frame Problem (Sometimes) and a Completeness Result for Goal Regression.


Y. Shoham. Contexts.

H. Stoyan. The Inventor and His Object: The Programming Language LISP.


R. Thomason. Logicism in AI and Common Sense in Philosophy: John McCarthy’s Program in Philosophical Perspective.

R. Weyhrauch. The Incorrectness of the Bisection Algorithm.