

## Publication List: Shmuel Katz

- Journal Articles

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9. K. Apt, N. Francez, and S. Katz, Appraising fairness in languages for distributed programming, *Distributed Computing*, vol. 2, no. 4, August 1988, pp. 226-241.
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17. S. Katz, A superimposition control construct for distributed systems, *ACM Trans. on Programming Languages and Systems*, vol. 15, no. 2, April 1993, pp. 337-356.
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19. G. Taubenfeld, S. Katz, and S. Moran, Impossibility results in the presence of multiple faulty processes, *Information and Computation*, vol. 113, no. 2, September 1994, pp. 173-198.
20. S. Katz, Refinement with global equivalence proofs in temporal logic, *DIMACS Series in Discrete Mathematics and Theoretical Computer Science*, vol. 29, 1997, pp. 59-78.
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- Surveys and Invited Chapters in Books
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    3. S. Katz, Exploiting independence for verification, refinement, and modularity, in *Models, Algebras, and Logic of Engineering Software*, M. Broy and M. Pizka, eds., IOS Press, 2003, pp. 195-208.
    4. S. Katz, On translating models and properties, in *Models, Algebras, and Logic of Engineering Software*, M. Broy and M. Pizka, eds., IOS Press, 2003, pp. 209-226.
  - Articles in Refereed Conference Proceedings
    1. S. Katz and Z. Manna, A heuristic approach to program verification, Proceedings of Third International Conference on Artificial Intelligence, Stanford, August 1973, pp. 500-512.
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9. S. Katz and G. Taubenfeld, What processes know: definitions and proof methods, Proceedings of Fifth Annual ACM Symposium on Principles of Distributed Computing, Calgary, Canada, August 1986, pp. 249-262.
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38. M. Goldman and S. Katz, Modular generic verification of LTL properties for aspects, FOAL Workshop, associated with AOSD2006, March 2006.
39. S. Katz, Rigorous fault tolerance using aspects and formal methods, Rigorous Development of Complex Fault-Tolerant Systems (refereed postconference proceedings), LNCS 4157, November 2006, pp. 226-240.
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