A. Theses

(1) Master’s Thesis: Hamiltonian Formalism of Spin-0 and Spin-1 Particles, 1965.
   (In Hebrew, with a separate English Summary).

   (In Hebrew, with a separate English Summary).

B. Books and Chapters


(2) OPERATING SYSTEMS (in Hebrew) – the Open University Press, 1989.


C. Journal Publications (Referred)


(42) D. Cantone, M. Hofri: Further Analysis of the Remedian Algorithm. 

(43) M. Hofri: Optimal selection and sorting via dynamic programming. *ACM Journal of Experimental Algorithmics, 18,* article 2.3; May 2013. (doi>10.1145/2444016.2493373) 

D. Papers Delivered in Refereed Conferences

Note: This list does not include papers that were subsequently published in journals, with no material changes.


E. Invited presentations at conferences and Workshops

(1) On the probabilistic analysis of bin packing heuristics (based on the paper C.19). Delivered at the NATO Advanced Study and Research Institute on Theoretical Approaches to Scheduling Problems, held in Durham England, July 6–17 1981.


(7) a) Self-Organizing Lists and Independent References — a Statistical Synergy. (Also available as TR#524)

(8) Hashing, Lazy Deletions and the Maximum Length of Queues. Presented in the IFIP WG 7.3 meeting in Lattrop, the Netherlands, 2/27–3/1/1990.


F. Sundry professional publications and presentations


(7) "What is Computer Science?" Presented to the WPI ACM student Chapter, November 27, 2001.


(9) "On the analysis of an Algorithm for Approximate Median Selection." Presented on October 3, 2005, Projet ALGO seminar, INRIA.


(12) "Analysis of approximate median selection," Colloquium at the Dept. of CS, Technion Haifa, June 18, 2008.

(13) "The surprises of quicksort," Colloquium at the Dept. of CS, Technion Haifa, June 5, 2012.
G. Selected Technical Reports

Note: Reports that have since been published in journals or conference proceedings are not included below.

(1) E.G. Coffman Jr., M. Hofri: Queueing Models of Secondary Storage Devices. Department of Computer Science, Purdue University, TR#943, January 1990. (An update of the Chapter B.3)

(2) M. Hofri, N. Kechris: Probabilistic Counting of Large Number of Events. Department of Computer Science – University of Houston TR #UH-CS-92-23.


