List of Publications  
October, 2013

**Book Chapters**


Journal Papers


Conference Proceedings—Refereed


Other Publications

1. Six research reports written between 1967 and 1971 at the PIB and U.C. Berkeley on Error Correcting Codes, Codes with Algebraic Structure, and BCH codes.


3. Twelve research reports written between 1973 and 1975 at the Institute for Atomic Physics of the Romanian Academy of Science on: job scheduling, paging algorithms, implementation of FORTRAN built-in functions in microcode, algorithms for FFT and applications in image processing.

4. Eight research reports produced between 1976 and 1977 at the Joint Institute for Nuclear Research Dubna (USSR) on structured programming, data acquisition and analysis systems for high energy physics, languages for real-time applications.

5. Ten research reports and papers published between 1977 and 1980 at the Institute for Physics and Nuclear Engineering, Bucharest on scientific computing, computational aspects of the design of magnetohydrodynamical systems, stability issues for magnetohydrodynamical systems, finite-element methods and applications, computer aided design of integrated circuits.

6. Four reports produced at GSI Darmstadt between 1980 and 1984 on data acquisition and analysis systems for high energy physics.


8. Some 70 Technical Reports of the Computer Science Department at Purdue University, SERC (Software Engineering Research Center), and CAPO from 1985 till 2000.