OPTIMIZATION SEMINAR

Speaker:  Shmuel T. Klein  
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Title:  The Use and Usefulness of Fibonacci Codes

The talk reviews several properties and applications of Fibonacci codes. These are fixed code-word sets, using binary representations of integers based on the Fibonacci sequence rather than on powers of 2. Applications range from robust data compression, over faster modular exponentiation to boosting the compression performance of rewriting codes for flash memory. No previous knowledge is assumed.