

## **Prof. Noam Nisan – Short Bio**

Noam Nisan is a Professor of Computer Science and Engineering at the Hebrew University of Jerusalem and is a member of the Center for Study of Rationality. He is a member of the board of directors of the National Library of Israel and chairs its subcommittee on digital strategy. Noam has served as Dean of the School of Computer Science and Engineering of the Hebrew University, has co-founded the university's MATAR program on Technology, Society, and Networks, and has been a senior researcher in Microsoft, in Google, and in Starkware. He received his Ph.D. in Computer Science from the University of California, Berkeley in 1988.

Noam's early research was focused on computational complexity including algebraic computation, interactive proofs, communication complexity, concrete complexity, and, especially, on the use of randomness and pseudo-randomness in computation. His later research is focused on the interface between Computer Science, Economics and Game Theory, a field known as "Algorithmic Game Theory". Within that field he is credited with initiating the field of "Algorithmic Mechanism Design".

Noam has published several books and over one hundred research papers on computational complexity and on Economics and Computation. He is also interested in Computer Science education and has co-created the popular "Nand-to-Tetris" book and course. Among his awards are the Gödel Prize, the Knuth Award, the EATCS prize, and the Rothschild Prize.

Noam was born in 1961. He is married to Michal Steinitz and is the father of Gal, Rimon, and Rotem.