

Alfred Inselberg (AI)

Alfred received a Ph. D. in Mathematics and Physics from the University of Illinois (Champaign-Urbana) and continued as Research Professor at the Biological Computer Laboratory there working on Neural Networks, Cognition, Population Dynamics and Models of Complex Nonlinear Systems. He then held senior research positions at IBM where he developed a Mathematical Model of the Ear(Cochlea) (TIME Nov. 74) and later Collision-Avoidance Algorithms for Air Traffic Control (3 USA patents). Concurrently he had joint appointments at UCLA, USC, Technion and Ben Gurion University. Since 1995 AI is Professor at the School of Mathematical Sciences of Tel Aviv University. He was elected Senior Fellow at the San Diego Supercomputing Center in 1996, Distinguished Visiting Professor at Korea University in 2008, and National University of Singapore in 2011. He invented and developed the **multidimensional visualization** methodology of **Parallel Coordinates** for which he received numerous patents and awards. His textbook on "Parallel Coordinates: *VISUAL* Multidimensional Geometry", was published by Springer and praised by *Stephen Hawking* among many others.