

# Decision Making under Interval and Fuzzy Uncertainty:

## Utility Approach

Vladik Kreinovich

Department of Computer Science, University of Texas at El Paso,  
El Paso, TX 79968, USA, [vladik@utep.edu](mailto:vladik@utep.edu),  
<http://www.cs.utep.edu/vladik>



Vladik Kreinovich received his MS in Mathematics and Computer Science from St. Petersburg University, Russia, in 1974, and PhD from the Institute of Mathematics, Soviet Academy of Sciences, Novosibirsk, in 1979. From 1975 to 1980, he worked with the Soviet Academy of Sciences; during this time, he

worked with the Special Astrophysical Observatory (focusing on the representation and processing of uncertainty in radioastronomy). For most of the 1980s, he worked on error estimation and intelligent information processing for the National Institute for Electrical Measuring Instruments, Russia. In 1989, he was a visiting scholar at Stanford University. Since 1990, he has worked in the Department of Computer Science at the University of Texas at El Paso. In addition, he has served as an invited professor in France, Hong Kong, Russia, and Brazil.

His main interests are representation and processing of uncertainty, especially interval computations. He has published four books, 10 edited books, and more than 900 papers.