

**WHAT TOOLS IN ANALYSIS AND PROBABILITIES ARE
HELPFUL FOR REAL LIFE PROBLEMS?**

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Real life problems (industry, environment, transportation, energy, and so on) are often characterized by a considerable complexity in practice: many actors, with different needs and points of view. Moreover, the data are usually insufficient. How can we “bridge the gap” between axiomatic mathematical tools, which require strict conditions for application, and such poorly defined problems?