Annotated Bibliography for *Rational Choice*
Week #1 of CMU’s Formal Philosophy Summer School 2011

**Suggested Books and Collections**

Here are a few *must read* books! But it will take a lifetime to learn their wisdom!!

*The Theory of Games and Economic Behavior* (1944) John von Neumann and Oskar Morgenstern, Princeton U. Press. Also, consider their 60th Anniversary Edition. As happens when reading a seminal work that changes the direction of a discipline, this one is valuable to the contemporary reader to show how the authors map out the space of problems, especially the ones for which they have not found satisfactory solutions!


More than fifty years after its first publication, this remains important for the range and depth of the problems its authors discuss, with sensitivity and amazing insight regarding the tensions between game-theoretic and decision-theoretic approaches.

Includes de Finetti’s famous 1937 essay about coherence and book, along with other foundational essays.

Some Contemporary Works
The Enterprise of Knowledge (1980) Isaac Levi, MIT Press,
A monograph defending an important Philosophic program, in the Pragmatist tradition, that uses sets of probabilities and utilities to address questions of belief change, consensus of opinions, and some problems in the foundations of statistical inference.

A highly provocative and equally informative, and sometimes entertaining textbook about recent Game Theory.
A virtual encyclopedia of material relating to the theory of lower and upper probabilities.

This website contains links to many relevant papers that explore theory
and use of sets of probabilities for representing uncertainty. See, especially,
the on-line proceedings for the biennial ISIPTA conferences, which began in
1999.

Rethinking the Foundations of Statistics (1999) J.B.Kadane, M.J.Schervish, and
This volume contains a selection of our papers about the topics I presented during
the week’s Summer School. You are most welcome to contact me by email:
teddy@stat.cmu.edu, to discuss these and other topics.