#### STRATEGIC GAME THEORY

http://www.agsm.edu.au/bobm/teaching/SGTM.html

#### What the course covers:

#### Strategic situations:

involving two or more participants, each trying to influence, to outguess, or to adapt to the decisions or lines of behaviour that others have just adopted or are expected to adopt (Tom Schelling).

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Look forward and reason backwards!

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Which tyre?

 a procurement manager trying to induce a subcontractor to search for cost-reducing innovations

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- designing a managerial incentive system
- how high to bid in an auction
- a negotiαtion between a multinational and a foreign government over the setting up of a manufacturing plant

That is, we examine both Strategizing and Economizing, using game theory.

#### How do you learn?

- lectures,
- the text and readings
- in-class (experiential) exercises
- on-line exercises
- take-home assignments
- a team term project applying the classes

#### **Assessment**

- Three weekly individual assignments.
- An in-class midterm exam.
- A term project, applying the classes to business, or politics, or war, or movies, or novels, or ... Your choice, in consultation with me, and possibly in teams, with a class presentation.

#### For more, talk to me, Bob Marks, or see:

http://www.agsm.edu.au/bobm/teaching/SGTM.html

and read the handout, Thinking Strategically.

at

http://www.agsm.edu.au/bobm/teaching/SGTM/mailout.pdf