

Re: mathematical intro to economics

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In article <4aaed8a2.0406262105.57776b09@posting.google.com>, icmpxchg8b@aol.com (Danny Y.) wrote:

- > *hello, can anyone please recommend economics books that take a general*
- > *mathematical approach, while still including practical applications*
- > *and exercises,*
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- > *and, in particular, not assuming any background in economics?*

Mas-Colell et al is the main competitor to Varian for introductory graduate level microeconomics. Both have lots of math. I think the point of studying these textbooks is to see how little mainstream economists have to say about actually existing markets.

Debreu's Theory of Value: An Axiomatic Analysis of Economic Equilibrium (1959) is not a textbook. It was important in the development of post (World) War (II) Anglo-American economics. Since it is in the style of Bourbaki, it can be read as if it is nothing but a series of exercises.

I thought Sargent and Lucas had a textbook presenting macroeconomics as an application of Vector Auto-Regression (VAR) models, a type of time series analysis. Perhaps I was thinking of Sargent's Macroeconomic Theory or Dynamic Macroeconomic Theory. A more-or-less mainstream response to that style is Frank Hahn and Robert Solow's A Critical Essay on Modern Macroeconomic Theory (1995). Hahn and Solow's book is not a textbook.

Heinz D. Kurz and Neri Salvadori's Theory of Production: A Long-Period Analysis (1995) is a textbook treatment of another approach. It draws more on discrete mathematics and has lots of exercises.

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Try <http://csf.colorado.edu/pkt/pktauthors/Vienneau.Robert/Bukharin.html>

		To solve Linear Programs: .../LPSolver.html
r	c	A game: .../Keynes.html
v	s a	Whether strength of body or of mind, or wisdom, or
i	m p	virtue, are found in proportion to the power or wealth
e	a e	of a man is a question fit perhaps to be discussed by
n	e .	slaves in the hearing of their masters, but highly

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@ r c m unbecoming to reasonable and free men in search of
d o the truth. -- Rousseau