APPLICATIONS OF CONTROL THEORY TO MACROECONOMICS
This book bridges optimal control theory and economics, discussing ordinary, linear ODEs, state-space analysis, potential functions, and stability analysis.

Wiley and Sons, N.Y. Ch. Applications of control theory to economic analysis in SearchWorks See Kendrick 1976 for a survey of cwr ninety such applications. 13 and optimal control theory or through the LIX of dynamic economic theory to evaluate analyses tests of the alternative scientific paradigms, as in both cases a rational.
We discuss applications of closed-loop control and of optimum control theory, including deterministic, stochastic and decentralized optimum control. A critical evaluation of these approaches shows that for an empirically useful theory of economic policy, the application of dynamic game theory (which in itself originated from control theory) seems to be the most promising.

Abstract In this paper, we give a survey of applications of control theory to the analysis of economic policy problems. We discuss applications of closed-loop control and of optimum control theory, including deterministic, stochastic and decentralized optimum control. Start by marking Applications of Control Theory to Economic Analysis as Want to Read: Want to Read saving… Want to Read. Currently Reading. Read. We’d love your help. Let us know what’s wrong with this preview of Applications of Control Theory to Economic Analysis by John David Pitchford. Problem: It’s the wrong book It’s the wrong edition Other.