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# Monetary Economics Lecture Notes

## Benoit Mojon

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Emergent Results of Artificial Economics  
Profiting from Monetary Policy  
Revue Roumaine Des Sciences Économiques  
Economic Policy: Theory and Practice  
EMU and Political Science  
Beyond Federal Dogmatics  
Hergé, Son of Tintin  
The Equity Risk Premium  
Multifractals and  $1/f$  Noise  
The Nature of Money  
Money and the Economy  
The Monetary Transmission Process  
Fractals and Scaling in Finance  
Balance of Power  
Structural Macroeconometrics  
L1-statistical Procedures and Related Topics  
The Dialectics of Globalization  
The Fractalist  
House of Debt  
Central Banks Into the Breach  
Dynamics of Fractal Surfaces  
Economic Policy  
The (Mis)Behaviour of Markets  
Managing the Sovereign-Bank Nexus  
Financial Market Risk  
The ECB's Monetary Analysis Revisited  
Monetary Policy in the Euro Area  
Markups, Gaps, and the Welfare Costs of Business Fluctuations  
Can Financial Markets be Controlled?  
The Orange Economy  
Maynard's Revenge  
Liquidity Ratios as Monetary Policy Tools: Some Historical Lessons for  
Macroprudential Policy  
Designing a Simple Loss Function for Central Banks  
IMF Staff papers  
Crisis  
Economic Anthropology  
Karl Polanyi  
Mathematical Reviews  
Good Economics for Hard Times

## Investing

*Monetary Economics Lecture Notes*  
Benoit Mojon

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### HERRING SIDNEY

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*Emergent Results of Artificial Economics*

Cambridge Scholars Publishing

The Chilean pension reform of 1981, a shift from unfunded to a funded scheme, is considered to have contributed to this country's excellent economic performance. Positive growth effects allow, in principle, a Pareto-improving shift in pension financing. This paper highlights the theoretical underpinnings of the reform and presents empirical data and preliminary econometric testing of the conjectured reform effects on financial market developments, as well as the impact on total factor productivity, capital formation, and private saving. The empirical evidence is consistent with most but not all claims. In particular, the direct impact of the reform on saving was low, and initially even negative.

**Profiting from Monetary Policy**

Columbia University Press

"Author of the critically acclaimed *Tintin and the World of Hergé* and the last person to interview Remi, Benoit Peeters tells the complete story behind Hergé's origins and shows how and why the nom de plume grew into a larger-than-Remi personality as Tintin's popularity exploded. Drawing on interviews and using recently uncovered primary sources for the first time, Peeters reveals Remi as a neurotic man who sought to escape the troubles of his past by allowing Hergé's identity to subsume his own. As Tintin adventured, Hergé lived out a romanticized version of life for Remi."-- Jacket.

**Revue Roumaine Des Sciences Économiques**  
Springer

The Financial Crisis has led to a decade of poor returns for pension schemes and lower retirement incomes. Credit-based investment strategies that track the business cycle, allowing preservation of investors' capital. This book provides analysis and investment strategy plans to generate equity-like-returns with bond like volatility.

*Economic Policy: Theory*

*and Practice* International Monetary Fund

In this updated second edition, well-known investment author Hagstrom explores basic and fundamental investing concepts in a range of fields outside of economics, including physics, biology, sociology, psychology, philosophy, and literature. *EMU and Political Science* International Monetary Fund

Mandelbrot is world famous for his creation of the new mathematics of fractal geometry. Yet few people know that his original field of applied research was in econometrics and financial models, applying ideas of scaling and self-similarity to arrays of data generated by financial analyses. This book brings together his original papers as well as many original chapters specifically written for this book.

*Beyond Federal Dogmatics* Springer

In this important new book, Geoffrey Ingham draws on neglected traditions in the social sciences to develop a theory of the 'social relation' of money. Genuinely

multidisciplinary approach, based on a thorough knowledge of theories of money in the social sciences. An original development of the neglected heterodox theories of money. New histories of the origins and development of forms of money and their social relations of production in different monetary systems. A radical interpretation of capitalism as a particular type of monetary system and the first sociological outline of the institutional structure of the social production of capitalist money. A radical critique of recent writing on global e-money, the so-called 'end of money', and new monetary spaces such as the euro.

**Hergé, Son of Tintin**

Harvard University Press. Yes, it makes a lot of sense. This paper studies how to design simple loss functions for central banks, as parsimonious approximations to social welfare. We show, both analytically and quantitatively, that simple loss functions should feature a high weight on measures of economic activity, sometimes even larger than the weight on inflation. Two main factors drive our result. First, stabilizing economic

activity also stabilizes other welfare relevant variables. Second, the estimated model features mitigated inflation distortions due to a low elasticity of substitution between monopolistic goods and a low interest rate sensitivity of demand. The result holds up in the presence of measurement errors, with large shocks that generate a trade-off between stabilizing inflation and resource utilization, and also when ensuring a low probability of hitting the zero lower bound on interest rates.

The Equity Risk Premium  
Routledge

The revised edition of the essential resource on macroeconometrics. Structural Macroeconometrics provides a thorough overview and in-depth exploration of methodologies, models, and techniques used to analyze forces shaping national economies. In this thoroughly revised second edition, David DeJong and Chetan Dave emphasize time series econometrics and unite theoretical and empirical research, while taking into account important new advances in the field. The authors detail strategies for solving dynamic

structural models and present the full range of methods for characterizing and evaluating empirical implications, including calibration exercises, method-of-moment procedures, and likelihood-based procedures, both classical and Bayesian. The authors look at recent strides that have been made to enhance numerical efficiency, consider the expanded applicability of dynamic factor models, and examine the use of alternative assumptions involving learning and rational inattention on the part of decision makers. The treatment of methodologies for obtaining nonlinear model representations has been expanded, and linear and nonlinear model representations are integrated throughout the text. The book offers a rich array of implementation algorithms, sample empirical applications, and supporting computer code. Structural Macroeconometrics is the ideal textbook for graduate students seeking an introduction to macroeconomics and econometrics, and for advanced students

pursuing applied research in macroeconomics. The book's historical perspective, along with its broad presentation of alternative methodologies, makes it an indispensable resource for academics and professionals.

**Multifractals and 1/f Noise** Presses

Universitaires de Louvain - UCL

"A concise and powerful account of how the great recession happened and what should be done to avoid another one . . . well-argued and consistently informative." —Wall Street Journal

The Great American Recession of 2007-2009 resulted in the loss of eight million jobs and the loss of four million homes to foreclosures. Is it a coincidence that the United States witnessed a dramatic rise in household debt in the years before the recession—that the total amount of debt for American households doubled between 2000 and 2007 to \$14 trillion? Definitely not. Armed with clear and powerful evidence, Atif Mian and Amir Sufi reveal in *House of Debt* how the Great Recession and Great Depression, as well as less dramatic periods of economic malaise, were

caused by a large run-up in household debt followed by a significantly large drop in household spending. Though the banking crisis captured the public's attention, Mian and Sufi argue strongly with actual data that current policy is too heavily biased toward protecting banks and creditors. Increasing the flow of credit, they show, is disastrously counterproductive when the fundamental problem is too much debt. As their research shows, excessive household debt leads to foreclosures, causing individuals to spend less and save more. Less spending means less demand for goods, followed by declines in production and huge job losses. How do we end such a cycle? With a direct attack on debt, say Mian and Sufi. We can be rid of painful bubble-and-bust episodes only if the financial system moves away from its reliance on inflexible debt contracts. As an example, they propose new mortgage contracts that are built on the principle of risk-sharing, a concept that would have prevented the housing bubble from emerging in the first place. Thoroughly grounded in compelling

economic evidence, *House of Debt* offers convincing answers to some of the most important questions facing today's economy: Why do severe recessions happen? Could we have prevented the Great Recession and its consequences? And what actions are needed to prevent such crises going forward?

The Nature of Money

International Monetary Fund

In this paper we present a simple, theory-based measure of the variations in aggregate economic efficiency associated with business fluctuations. We decompose this indicator, which we refer to as 'the gap', into two constituent parts: a price markup and a wage markup, and show that the latter accounts for the bulk of the fluctuations in our gap measure. Finally, we derive a measure of the welfare costs of business cycles that is directly related to our gap variable, and which takes into account explicitly the existence of a varying aggregate inefficiency. When applied to postwar U.S. data, for plausible parametrizations, our measure suggests welfare losses of fluctuations that are of a higher order of

magnitude than those derived by Lucas (1987). It also suggests that the major postwar recessions involved substantial efficiency costs.

### **Money and the**

### **Economy** International Monetary Fund

Written by four recognized experts with senior experience in research and government, this text is the first comprehensive survival kit for students and practitioners of economic policy. It is set to become an indispensable resource for everyone involved or interested in modern economic policy.

Academic scholars willing to engage in policy discussions and students at graduate or advanced undergraduate levels will find it an essential bridge to the policy world. What makes the book unique is that it combines like no other, facts-based analysis, state-of-the art theories and models, and insights from first-hand policy experience at national and international levels. The book has grown out of ten years of experience teaching economic policy at the graduate level. It provides an intellectually coherent framework to understand the potentialities and limits of economic policy.

It addresses positive dimensions (how do policies impact on modern economies?), normative dimensions (what should policymakers aim to achieve and against what should their action be judged?) and political-economy constraints (which are the limits and obstacles to public intervention?). It fills an important gap by reconciling in each major policy area stylized facts of recent economic history, key questions faced by contemporary policymakers, and essential lessons from theory which are captured and explained in a clear, concise, and self-contained way. All major areas of domestic and international policymaking are covered: fiscal policy, monetary policy, international finance and exchange-rate policy, tax policy, and long-term growth policies. The book concludes with a special chapter on the lessons of the financial crisis. The authors are intellectually non-partisan and they draw examples from various countries and experiences; from emerging markets to developing economies, shedding light when necessary on local specificities such as

European Union rules and instruments. Economic Policy: Theory and Practice is the essential guide to economic policy in the new post-crisis context.

### The Monetary

### Transmission Process

University of Chicago Press

Economic Policy provides a unique combination of facts-based analysis, state-of-the art economic theory, and insights from first-hand policy experience at the national and international levels to shed light on current domestic and international policy challenges. It is ideally suited for students, practitioners, and scholars seeking understanding both of the pragmatic constraints of real-world policy making and the analytical tools that enhance inquiry and inform debates. The authors draw on their experiences as academics and as policy makers in European and international institutions to offer a deep dive into the rationale, design, and implementation of economic policy across a range of policy domains: fiscal policy, monetary policy, international finance, financial stability, taxes, long-term growth

and inequality. Highlighting the ways experience, theories, and institutions interact, each chapter starts with historical examples of dilemmas and shows how theoretical approaches can help policy makers understand what is at stake and identify solutions. The authors highlight the differences between the positive approach to economic policy (how do policies impact the economy), the normative approach (what should be policymakers' objectives and against which criteria should their action be judged), and the political-economy constraints (what are the limits and obstacles to public intervention). They rely on the most recent academic research, providing technical boxes while explaining the mechanisms in plain English in the text, with appropriate illustrations. This new edition is informed by such important recent developments as the Great Recession, the strains on the European Union and the Euro, the challenges of public and private debt, the successes and setbacks to emerging markets, changes to labor markets along with the increased

attention to inequality, the debates on secular stagnation and its implications for conventional and unconventional monetary policy, the re-regulation of the financial sector, the debt overhang in both the public and the private sector.

### **Fractals and Scaling in Finance** Polity

Combining bold theoretical analysis and careful empirical investigation Harris provides a critical framework to understand the political and economic underpinnings of globalization. In an unique historical approach the book examines how the revolution in information technologies and the break-up of the Soviet Union intertwined to present new global opportunities to reorganize capitalism as a unified world system headed by an emerging transnational capitalist class. The book challenges the common view that nation states still define international relations, with the United States as hegemonic leader of the world system. Instead Harris offers a more complex analysis of world affairs that sees the current period as one of transition between nationally based

industrial capitalism and a global system based on revolutionary methods of production and new class relationships. He argues this conflict appears in every country as national economies realigned to fit new patterns of world accumulation creating a host of political tensions within and between nations. This analysis is detailed in a distinctive interpretation of the US military/industrial complex, as well as the contemporary class struggles in Germany and the emerging powers of China, India and Brazil. The book concludes by investigating alternative trends which are currently challenging the inequalities of global capitalism, unfolding a fresh approach to the relationship between the state, market and civil society.

*Balance of Power* Oxford University Press

This book is a new introduction to the history and practice of economic anthropology by two leading authors in the field. They show that anthropologists have contributed to understanding the three great questions of modern economic history: development, socialism and one-world capitalism.

In doing so, they connect economic anthropology to its roots in Western philosophy, social theory and world history. Up to the Second World War anthropologists tried and failed to interest economists in their exotic findings. They then launched a vigorous debate over whether an approach taken from economics was appropriate to the study of non-industrial economies. Since the 1970s, they have developed a critique of capitalism based on studying it at home as well as abroad. The authors aim to rejuvenate economic anthropology as a humanistic project at a time when the global financial crisis has undermined confidence in free market economics. They argue for the continued relevance of predecessors such as Marcel Mauss and Karl Polanyi, while offering an incisive review of recent work in this field. Economic Anthropology is an excellent introduction for social science students at all levels, and it presents general readers with a challenging perspective on the world economy today. Selected by Choice as a 2013 Outstanding Academic

Title

**Structural Macroeconometrics**

University of Chicago Press

This paper explores what history can tell us about the interactions between macroprudential and monetary policy. Based on numerous historical documents, we show that liquidity ratios similar to the Liquidity Coverage Ratio (LCR) were commonly used as monetary policy tools by central banks between the 1930s and 1980s. We build a model that rationalizes the mechanisms described by contemporary central bankers, in which an increase in the liquidity ratio has contractionary effects, because it reduces the quantity of assets banks can pledge as collateral. This effect, akin to quantity rationing, is more pronounced when excess reserves are scarce.

L1-statistical Procedures and Related Topics

International Monetary Fund

The start of the European monetary union gave additional impetus to the lively debate on the effects of monetary policy and the appropriate strategy for central banks. This book collects papers

and comments by leading academics and central bankers such as O.Issing, M.King, B.McCallum, A.Meltzer, L.Svensson and H.Tietmeyer. The volume examines methodological questions, the actual role played by the financial sectors and labour markets in implementing monetary policy in Europe, and the likely future developments in these areas.

*The Dialectics of Globalization* Inter-American Development Bank

Artificial economics is a computational approach that aims to explain economic systems by modeling them as societies of intelligent software agents. The individual agents make autonomous decisions, but their actual behaviors are constrained by available resources, other individuals' behaviors, and institutions. Intelligent software agents have communicative skills that enable simulation of negotiation, trade, reputation, and other forms of knowledge transfer that are at the basis of economic life. Incorporated learning mechanisms may adapt the agents' behaviors. In artificial economics, all

system behavior is generated from the individual agents' simulated decisions; no system level laws are a priori imposed. For instance, price convergence and market clearing may emerge, but not necessarily. Thus, artificial economics facilitates the study of the mechanisms that make the economy function. This book presents a selection of peer-reviewed papers addressing recent developments in this field between economics and computer science.

[The Fractalist](#) John Wiley & Sons

We are living in a time of crisis which has cascaded through society. Financial crisis has led to an economic crisis of recession and unemployment; an ensuing fiscal crisis over government deficits and austerity has led to a political crisis which threatens to become a democratic crisis. Borne unevenly, the effects of the crisis are exacerbating class and gender inequalities. Rival interpretations – a focus on 'austerity' and reduction in welfare

spending versus a focus on 'financial crisis' and democratic regulation of finance – are used to justify radically diverse policies for the distribution of resources and strategies for economic growth, and contested gender relations lie at the heart of these debates. The future consequences of the crisis depend upon whether there is a deepening of democratic institutions, including in the European Union. Sylvia Walby offers an alternative framework within which to theorize crisis, drawing on complexity science and situating this within the wider field of study of risk, disaster and catastrophe. In doing so, she offers a critique and revision of the social science needed to understand the crisis. [House of Debt](#) Cambridge University Press  
Monetary aggregates continue to play an important role in the ECB's policy strategy. This paper revisits the case for money, surveying the ongoing theoretical and empirical debate. The key conclusion is that an

exclusive focus on non-monetary factors alone may leave the ECB with an incomplete picture of the economy. However, treating monetary factors as a separate matter is a second-best solution. Instead, a general-equilibrium inspired analytical framework that merges the economic and monetary "pillars" of the ECB's policy strategy appears the most promising way forward. The role played by monetary aggregates in such unified framework may be rather limited. However, an integrated framework would facilitate the presentation of policy decisions by providing a clearer narrative of the relative role of money in the interaction with other economic and financial sector variables, including asset prices, and their impact on consumer prices.

[Central Banks Into the Breach](#) Vintage

This book covers the latest theories and empirical findings of financial risk, its measurement and management, and its applications in the world of finance.

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