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4.3 The Current Crisis; 4.4 Conclusion; 5. Summary and Conclusion; II. Mathematical Appendixes; A. Monetary Aggregation Theory under Perfect Certainty; A.1 Introduction; A.2 Consumer Demand for Monetary Assets; A.3 Supply of Monetary Assets by Financial Intermediaries  
A.4 Demand for Monetary Assets by Manufacturing Firms A.5 Aggregation Theory under Homogeneity; A.6 Index- Number Theory under Homogeneity; A.7 Aggregation Theory without Homotheticity; A. 8 Index- Number Theory under Nonhomogeneity; A.9 Aggregation over Consumers and Firms; A.10 Technical Change; A.11 Value Added; A.12 Macroeconomic and General Equilibrium Theory; A.13 Aggregation Error from Simple- Sum Aggregation; A.14 Conclusion; B. Discounted Capital Stock of Money with Risk Neutrality; B.1 Introduction; B.2 Economic Stock of Money (ESM) under Perfect Foresight; B.3 Extension to Risk  
B.4 CE and Simple Sum as Special Cases of the ESMB.5 Measurement of the Economic Stock of Money; C. Multilateral Aggregation within a Multicountry Economic Union; C.1 Introduction; C.2 Definition of Variables; C.3 Aggregation within Countries; C.4 Aggregation over Countries; C.5 Special Cases; C.6 Interest Rate Aggregation; C.7 Divisia Second Moments; C.8 Conclusion; D. Extension to Risk Aversion; D.1 Introduction; D.2 Consumer Demand for Monetary Assets; D.3 The Perfect- Certainty Case; D.4 The New Generalized Divisia Index; D.5 The CCAPM Special Case; D.6 The Magnitude of the Adjustment D.7 Intertemporal Nonseparability D.8 Consumer's Nonseparable Optimization Problem; D.9 Extended Risk- Adjusted User Cost of Monetary Assets; D.10 Conclusion; E. The Middle Ground: Understanding Divisia Aggregation; E.1 Introduction; E.2 The Divisia Index; E.3 The Weights; E.4 Is It a Quantity or Price Index?; E.5 Stocks versus Flows; E.6 Conclusion; References; Index

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Sommario/riassunto

Blame for the recent financial crisis and subsequent recession has commonly been assigned to everyone from Wall Street firms to individual homeowners. It has been widely argued that the crisis and recession were caused by "greed" and the failure of mainstream economics. In this book, leading economist William Barnett argues instead that there was too little use of the relevant economics, especially from the literature on economic measurement. Barnett contends that as financial instruments became more complex, the simple-sum monetary aggregation formulas used by central banks, including the U.S. Federal Reserve, became obsolete. Instead, a major increase in public availability of best-practice data was needed. Households, firms, and governments, lacking the requisite information, incorrectly assessed systemic risk and significantly increased their leverage and risk-taking activities. Better financial data, Barnett argues, could have signaled the misperceptions and prevented the erroneous systemic-risk assessments. When extensive, best-practice information is not available from the central bank, increased regulation can constrain the adverse consequences of ill-informed decisions. Instead, there was deregulation. The result, Barnett argues, was a worst-case toxic mix: increasing complexity of financial instruments, inadequate and poor-quality data, and declining regulation. Following his accessible narrative of the deep causes of the crisis and the long history of private and public errors, Barnett provides technical appendixes, containing the mathematical analysis supporting his arguments. -- Back Cover.

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