How Public Money is Born (part 1)

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ASD Macro Modeling

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and the Birth of Public Money

Public Money

followed by the Academic Assassination

Why We Need A Paradigm Shift in Economics (part 2)

5. (2015-) Academic Resurrection and Findings of "Money as Debt"

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7. (2025-) Public Money and MuRatopia Economy Paradigm Shift

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Academic Resurrection in Turkey and Paradigm Shift in Economics

- (2015, 2017) Macroeconomic Workshop in Ankara, Turkey
- (2018–22) Invited to teach Graduate Courses in Ankara,using "Money and Macroeconomic Dynamics"



2013

Teaching "Monetary Theory"

Surprise Invitations

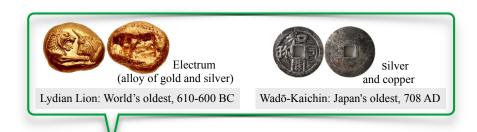


Dr. Syed Mahmud and ASBU President



Social Sciences University of Ankara (ASBU)

Classification of Money (Japan)



Unit: Trillion JPY (¥)

Issuance	Public Money	Debt Money (99.7%)					
(Obverse Def.)	4.8	1420.9 (≈ Total Debts of Producers, Households and Government)					
Types of Money	Government	Bank of Japan	D	Functional Money			
in Japan	Coins	Notes	Reserves	(Mf)			
(As of 2018)	4.8	107.6	393.9	324.9			
Base Money (M ₀)		506.3					
Money Stocks	Cash		Demand Deposits		Time Deposits		
(As of 2018)	112.4		718.8		594.5		
M1	831.2						
Мз	1,425.7						
Fiat Status	Legal Tender (35.5%)			Expanded Functional Money (MF) (64.5%)			
(Reverse Def.)	506.3			919.4			

Data Source: Bank of Japan (2019). Monetary Statistics & FFA data. Image Source: Lydian electrum (Wikipedia); WadoKaiho-gin (Wikipedia).

What is Money? Where does it come from?

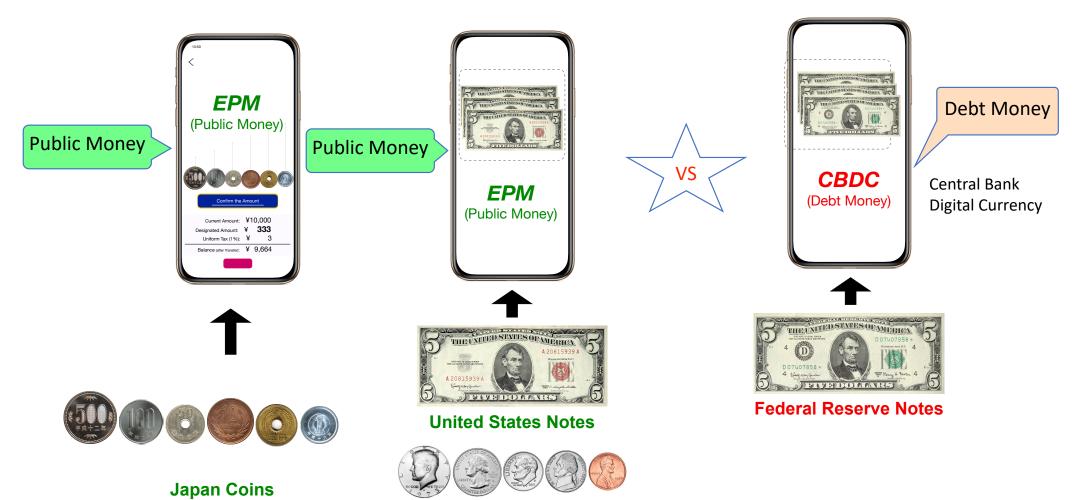
Public Money (<u>United Staes Note</u>) interest-free



Debt Money (<u>Fed Reserve Note</u>) at interest



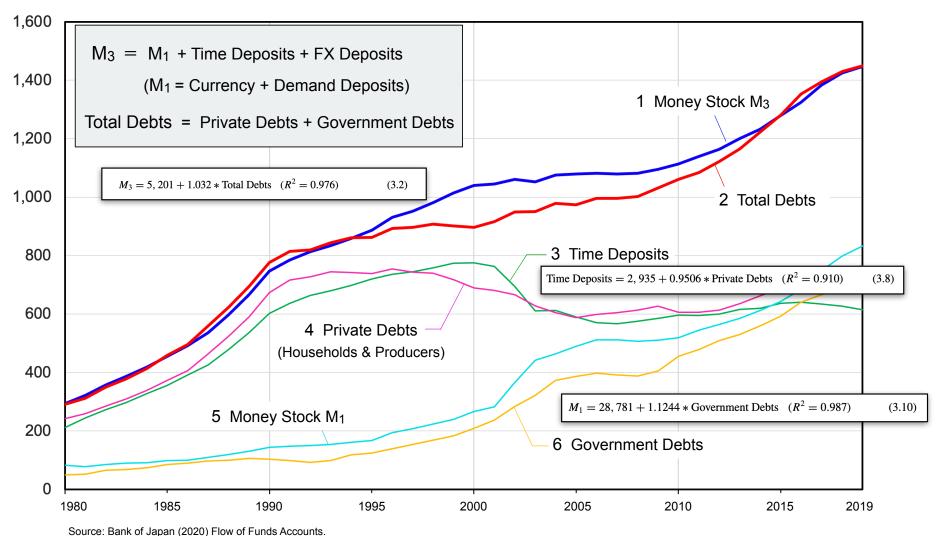
Digital Money



United States Coins

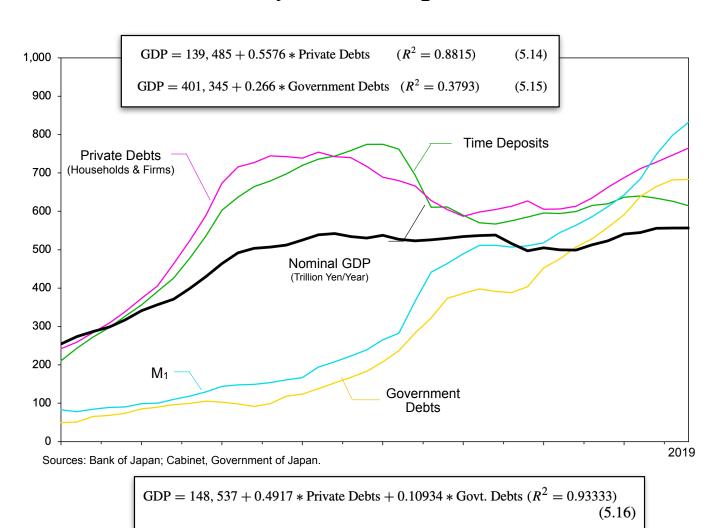
Money=TotalDebts2(E).png

Trillion (¥) Money = Total Debts: its Decomposition



(Trillion Yen)

Monetary Decomposition and GDP

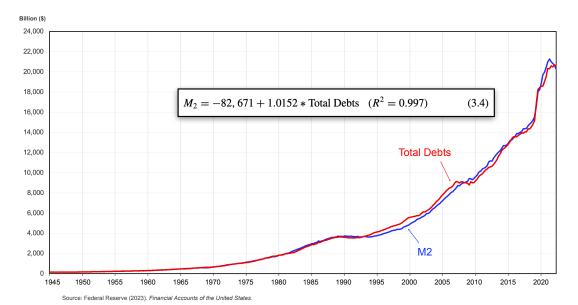


Classification of Money (United States)

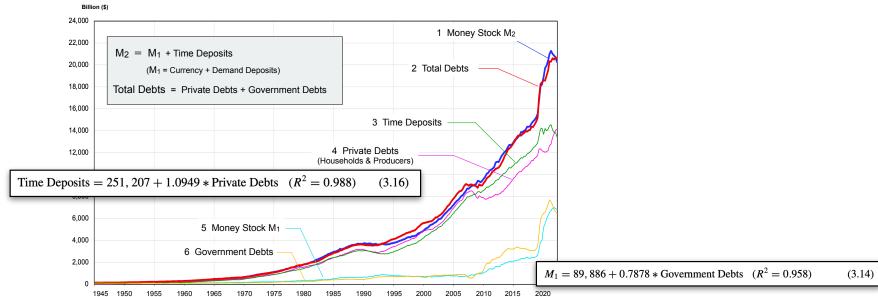
Unit: Billion USD (\$)

Issuance	Public Money	Debt Money (99.8%)					
(Obverse Def.)	51.4	20,648.6 (≈ Total Debts of Producers, Households and Government)					
Types of Money in the U.S.	Government Coins	Federal Reserve Notes	Reserves	Functional Money (Mf)			
(As of 2022)	51.4	2,257.6	3,359.1	1,211.6			
Base Money (M0)		5,668.1					
Money Stocks	Cash		Demand Deposits		Time Deposits		
(As of 2022)	2,309.0		4,570.7		13,820.3		
M1		6,879.7					
M2		20,700.0					
Fiat Status	Leg	al Tender (27.4%)	Expanded Functional Money (MF) (72.6%)			
(Reverse Def.)		5,668.1		15,031.9			

Source: Federal Reserve (2023) Financial Account of the United States.



Source: Federal Reserve (2023). Financial Accounts of the United States.



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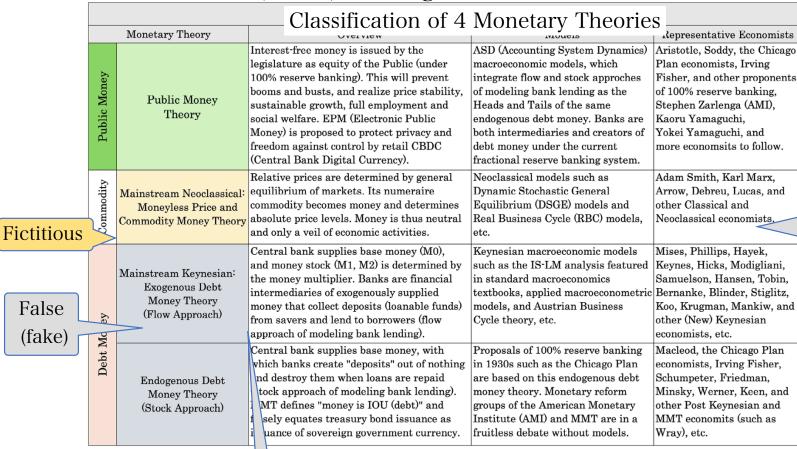
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Paradigm Shift

6. (2021-) Paradigm Shift in Economics as a Science



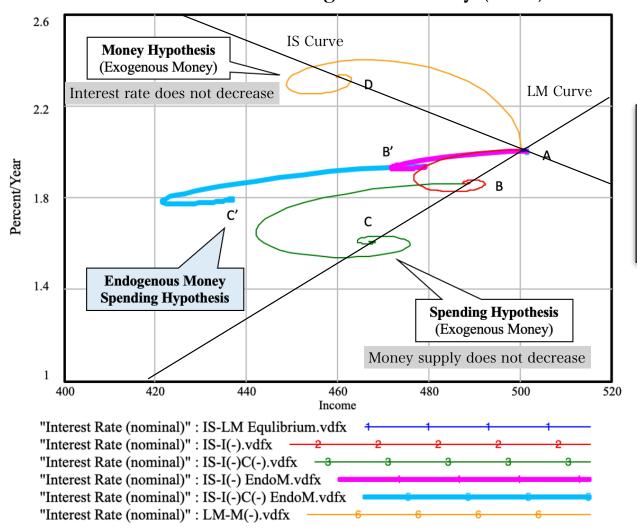
"No theory of money is offered, and it is assumed that the economy works without the help of a good serving as medium of exchange (1959, p.28)" (Debreu: Theory of Value)

Fig. 9.1 Classification of monetary theorie

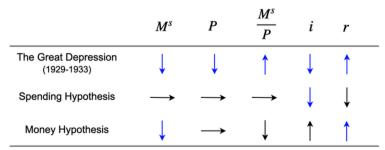
nd their proponents

failed to explain <u>Great Depression</u> and <u>Japan's Lost 30 Years</u>. (May be workable under <u>Public Money System</u>)

IS-LM Analysis of the Great Depression (1929 - 1933) with Exogenous Money (Fails)

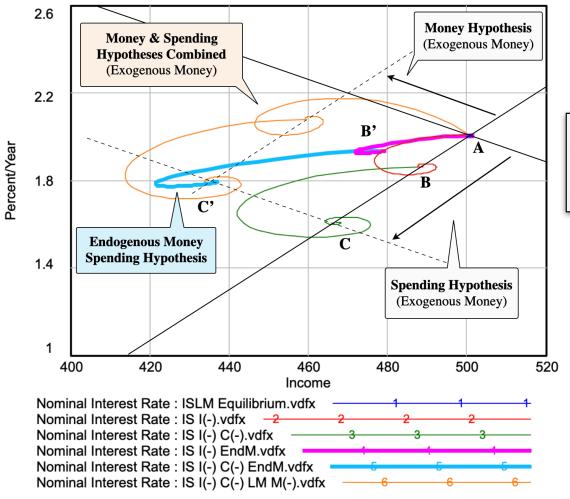


Exogenous Money

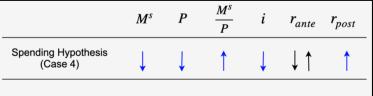


Exogenous Money
Analyses
Fail

IS-LM Analysis of the Great Depression (1929 - 1933) with Endogenous Money (Succeeds)



Endogenous Money



Endogenous Money
Analyses
Succeed

IS-LM Analysis of the Japan's Lost 30 Years (1991 - 2020) with Endogenous Money and Budget Equations

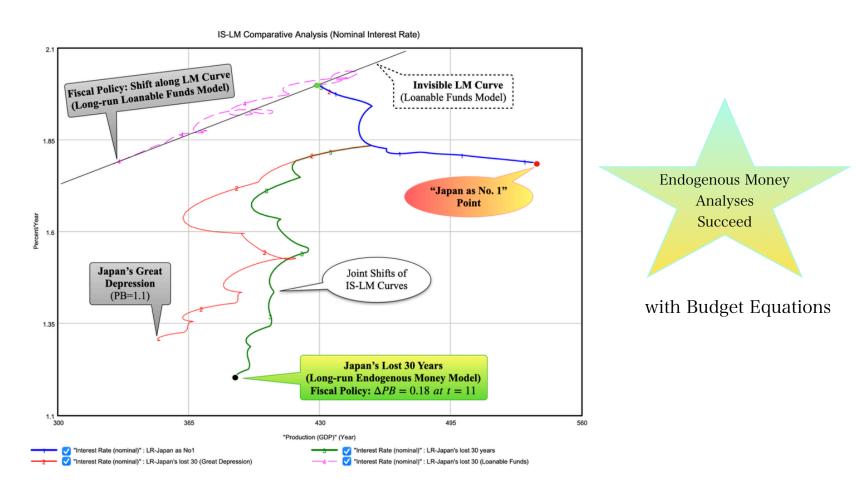


Figure 19: Point J of Japan's Lost 30 Years