

MathDIY

ID	notation	subtitle	description	citation	fundamentals.*	attachments.*	templates.*
R001	D	Depreciation known as Capital Consumption in the National Account System (NAS)	NA	Heading: MathDIY fundamentals, subtitle: Depreciation known as Capital Consumption. Repository: MathDIY on GitHub. Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-05-2020, 4:59 pm UTC)	*.recapitulation	NA	NA
R002	$Y = C + S$	Approach to formation of Yield	Yield = Consumption (Expenditures) + Save whereby C known as Consumption expenditures	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R003	$Y = C + I_n$	Approach to use of Yield	Yield = Consumption + Net Investment (I indexed with n= net) whereby C known as Consumption expenditures	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R004	$S = I_n$	Save = Net Investment	Identity Equation in a closed economy (without foreign trade) whereby Save equal to Net Investment (I indexed with n=net)	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R005	$I_0 = S_Y$	Investment = Save whereby (i) = interest rate and Y = Yield	Balanced Budget in a closed economy (without foreign trade) whereby Save indexed with Y=Yield equal to Investment	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA

ID	notation	subtitle	description	citation	fundamentals.*	attachments.*	templates.*
R006	$S = Y - C - G$	Economic Savings	Yield ./ Consumption ./ Government Spending = Save	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R007	G	Government Spending/ Purchases	Expenditures by all levels in the public sector are education, healthcare, social protection, direct investments in provision of housing and traffic infrastructure, acquisition of military goods, property management and research spending, pay and stipends for governing authorities	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R008	$N_x = Ex - Im$	Net Export (stock size)	Net Export (indexed with cursive x) = Export - Import	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R009	$S = I + N_x$	Save = Investments + Net Export (stock size)	Identity Equation in an open economy with foreign trade whereby Save is equal to Investment minus Net Export indexed with cursive x	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R010	$Y = C + I + N_x$	OC - Outside Contribution	Outside contribution is defined as Yield is equal to Consumption plus Investment plus Net Export whereby $N_x = Ex - Im$	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA

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R011	$Y_1 + Im_1 = C_2 + I_2 + Ex_2$	CB - Current balance (momentum size)	Current Balance whereby $CB \neq N_x$ (Net Export = $Ex - Im$). Yield plus Import from the previous period is equal to Consumption plus Investment + Export from the reporting period	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R012	I_g	Gross Investment	The purchase of Capital goods known as Investment indexed with g: tool, machines, instruments, facilities, other and own constructions (in-kind benefit by own production), additional inventories (input for production factors or stock of inventory) including purchase of financial assets (stocks and bonds).	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R013	$AE = C + I + G + N_x$	Gross Domestic Product (GDP) – Market Value by amount that CONSUMERS pay for FINAL goods and services (not as components)	Consumption + Investment $\neq I_g$ (including stocks and bonds) + Government Spending + Net Export ($Ex - Im$) = Yield by Aggregate Expenditures (AE)	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R014	$Y = H_{(p)} + I_{(C)} + r_{(C)} \pm PL_{(E)}$	Net Domestic Product (NDP) at factor costs Market Value by amount it costs PRODUCERS to make (form) used and consumer goods (commodities, durables) and services by using INTERMEDIATE goods (including components) and by combining factors of production: Work (W), Nature (N) or (G) Ground, Capital (C)	Human payroll expenses (Compensation of employees, Salaries, Wages) ----- + Interest Amount indexed with Capital (C) + rent indexed with Capital (C) + Profit & Loss (accumulated Deficit) indexed with Enterprise/Entrepreneur (E) ----- = NDP (Net Domestic Product at factor cost) + indirect taxes on sales + subsidies by government to Enterprise (E) + Depreciation (known as Capital Consumption) ----- = Yield by Aggregated or Earned Income	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA

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R015	$NT_{(S)} = t_{(S)} [(H)+(E)] - b_{(S)} [(H)+(E)]$	Net Tranfer (NT) excluding of social security contribution and social security charges (e.g. governmental fees, custom dues, development assistance, benefit to non-government institutions, education, academic research) whereby t= taxes and b = benefits indexed with State (S)	taxes from Households (H) + taxes from Enterprise/Entrepreneur (E) – transfer benefits/payments to Households (H) – transfer benefits/payments to Enterprises (E) = Net Tranfer (NT) according to State (S)	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R016	$Y = C + S + NT_{(S)}$	Gross Domestic Product (GDP) – Market Value by amount that CONSUMERS render (use) for final goods and services (not as components)	Consumption + Savings (excluding interest) + Net Transfer according to State (S) = Yield by Aggregate Usage	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R017	$i_{(C)} + r_{(C)} \pm PL_{(E)}$	Net operation surplus earned by Nature (N), Capital and Enterprise (E)	+ Interest Amount indexed with Capital (C) + rent indexed with Capital (C) + Profit & Loss (accumulated Deficit) indexed with Enterprise/Entrepreneur (E)	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R018	Yield (Income Approach) ./ statistical discrepancies = GPD (Expenditure Approach)	adjusted Gross Domestic Product (GDP) by Expenditures Approach	Yield (Income Approach) ./ statistical discrepancies = GPD (Expenditure Approach) whereby GDP by Aggregated Expenditures (AE) unequal to Aggregated or Earned Income (Y)	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA

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R019	GDP (Gross Domestic Product) + net factor income from abroad = GNP (Gross National Product)	Gross National Product (GNP)	GDP (Gross Domestic Product) + net factor income from abroad = GNP (Gross National Product)	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R020	GNP (Gross National product) - Depreciation = NNP (Net National Product)	Net National Product (NNP)	GNP (Gross National product) - Depreciation = NNP (Net National Product)	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R021	NNP (Net National Product) ./. statistical discrepancies = NI (National Income)	National Income (NI)	NNP (Net National Product) ./. statistical discrepancies = NI (National Income)	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R022	NI (National Income) - retained profits + transfer payments = PI (Personal Income)	Personal Income (PI)	NI (National Income) - retained profits + transfer payments = PI (Personal Income)	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R023	PI (Personal Income) by Households (H) ./. Personal Income Tax = DPI (Disposable Personal Income)	Disposable Personal Income (DPI)	PI (Personal Income) by Households (H) ./. Personal Income Tax = DPI (Disposable Personal Income)	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA

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R024	$^{\circ}P$	Level of the Price	prefixed $^{\circ}$ degree sign followed by upper case P	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R025	$^{\circ}P_2 - ^{\circ}P_1 > 0$	Inflation known as difference between the Level of the Price of the reporting periods greater than 0	prefixed $^{\circ}$ degree sign followed by upper case P indexed with number of period	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R026	M	Money Supply	determinant Money with parenthesis	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R027	$M_2 - M_1 > 0$	Money Creation	Money Creation known as difference between the Money Supply from previous period to the reporting period greater than 0 whereby determinant (M) with parenthesis indexed with number of period	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R028	CS_M	Circulation of Speed for Money	Circulation of Speed (Cs) indexed with determinant Money Supply (M)	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA

ID	notation	subtitle	description	citation	fundamentals.*	attachments.*	templates.*
R029	$^{\circ}P = \frac{M \times C_{SM}}{Y}$	Equation of the price level	Level of the Price = Money Supply multiplied with Circulation of Speed (Cs) divided by Yield	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R030	$C_{S2M} - C_{S1M} > 0$	Circulation of Speed for Money increases or remain constant	Circulation of Speed (Cs) indexed with Money supply (M) increases or remain constant from one to another reporting period	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R031	$M_2 - M_1 > [Y_2 - Y_1] - [C_{S2M} - C_{S1M}]$	Inflation Equation showing the change rates of the reporting periods	Money Creation greater than difference of Yield creation and Circulation of Speed $C_{S(M)}$	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R032	$Y \times ^{\circ}P = M \times C_{SM}$	Identity Equation approach to quantity of Yield	Yield multiplied with Level of the Price is equal to Money supply (M) multiplied with Circulation of Speed $C_{S(M)}$	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R033	$Y_2 - Y_1 > 0$	Yield Creation	Yield Creation is known as the difference between the Yield from previous period and reporting period greater than 0. Yield indexed with number of period.	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA

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R034	$Y_2 \div H_{rp} - Y_1 \div H_{rp} > 0$	Real Yield creation (real GDP divided by person)	Real Yield creation (real GDP divided by person) whereby H (Humanity) indexed with residential population	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R035	$CPI = 100\%$	Consumer Price Index (CPI) underlying consumer basket (standard cost of living)	Consumer Price Index (CPI) underlying consumer basket (standard cost of living) based up to 200 categories on a percentage basis quantify the performance of purchasing power comparing to ° (P) Level of the Price that qualify the performance of money (M)	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R036	$NGDP = p_1 x_1$	Nominal Gross Domestic Product (NGDP) actual-actual comparision between reported periods	Nominal Gross Domestic Product (NGDP) actual-actual comparision between reported periods whereby Y = NGDP, p = price, x = amount; value of the FINAL goods and services produced in a given year (reported period) expressed in terms by the prices of the SAME year (same period)	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R037	GDP deflator $\Rightarrow (NGDP \div RGDP) \times 100\%$ $\Rightarrow (p_1 x_1 \div p_n x_1) \times 100\%$	Real Gross Domestic Product (RGDP) nominal-actual comparision between a fixed year (base period = 100 %)	Real Gross Domestic Product (RGDP) nominal-actual comparision between a fixed year (base period = 100 %) whereby Y = NGDP, x = amount, GDP deflator is average of current prices, p indexed with n = price in base year; Value of the FINAL goods and services produced in a given year (reported period) expressed in terms by the prices of the BASE year (base period)	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R038	$Y < Y_p$	labor and other factors of production are unemployed	Note: Potential Gross Domestic Product Y_p all factors of production known as Work (W), Capital (C), Nature (N) and Enterprise/Entrepreneur (E) are fully employed	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA

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R039	$Y = Y_p$	labor and other factors are fully used	Note: Potential Gross Domestic Product Y_p all factors of production known as Work (W), Capital (C), Nature (N) and Enterprise/Entrepreneur (E) are fully employed	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R040	$Y > Y_p$	labor and other factors are over-employed	Note: Potential Gross Domestic Product Y_p all factors of production known as Work (W), Capital (C), Nature (N) and Enterprise/Entrepreneur (E) are fully employed	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Author: Jens T. Hinrichs. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Source: MathDIY, Democracy and Internet are Yours. Link: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 4:41 pm UTC)	.recapitulation	NA	NA
R041	TX	TX – Terra X (worldwide, one planet)	TX – Terra X (worldwide, one planet)	Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV. Note: The determinants and explanations expressed about [subtitle] do not reflect the current and correct doctrine or agree with the binding standards of sub-disciplines or legal norms. More information can be obtained via MathDIY, Democracy and Internet are Yours on Github: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 8:30 pm UTC)	.recapitulation	NA	NA

ID	notation	subtitle	description	citation	fundamentals.*	attachments.*	templates.*
R042	SX	SX – Space X (extraterrestrial, one galaxy)	SX – Space X (extraterrestrial, one galaxy)	<p>Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV.</p> <p>Note: The determinants and explanations expressed about [subtitle] do not reflect the current and correct doctrine or agree with the binding standards of sub-disciplines or legal norms.</p> <p>More information can be obtained via MathDIY, Democracy and Internet are Yours on Github: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 8:30 pm UTC)</p>	.recapitulation	NA	NA
R043	WB	WB – World Balance (the fourth sector)	WB – World Balance (the fourth sector)	<p>Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV.</p> <p>Note: The determinants and explanations expressed about [subtitle] do not reflect the current and correct doctrine or agree with the binding standards of sub-disciplines or legal norms.</p> <p>More information can be obtained via MathDIY, Democracy and Internet are Yours on Github: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 8:30 pm UTC)</p>	.recapitulation	NA	NA
R044	CB	CB – Current Balance	CB – Current Balance	<p>Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV.</p> <p>Note: The determinants and explanations expressed about [subtitle] do not reflect the current and correct doctrine or agree with the binding standards of sub-disciplines or legal norms.</p> <p>More information can be obtained via MathDIY, Democracy and Internet are Yours on Github: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 8:30 pm UTC)</p>	.recapitulation	NA	NA

ID	notation	subtitle	description	citation	fundamentals.*	attachments.*	templates.*
R045	OC	OC – Outside Contribution	OC – Outside Contribution	<p>Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV.</p> <p>Note: The determinants and explanations expressed about [subtitle] do not reflect the current and correct doctrine or agree with the binding standards of sub-disciplines or legal norms.</p> <p>More information can be obtained via MathDIY, Democracy and Internet are Yours on Github: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 8:30 pm UTC)</p>	.recapitulation	NA	NA
R046	$M_{(P)}$	$M_{(P)}$ – Goods Market indexed with Product in parenthesis	$M_{(P)}$ – Goods Market indexed with Product in parenthesis	<p>Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV.</p> <p>Note: The determinants and explanations expressed about [subtitle] do not reflect the current and correct doctrine or agree with the binding standards of sub-disciplines or legal norms.</p> <p>More information can be obtained via MathDIY, Democracy and Internet are Yours on Github: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 8:30 pm UTC)</p>	.recapitulation	NA	NA
R047	$M_{(R)}$	$M_{(R)}$ – Resource Market indexed with Resource in parenthesis	$M_{(R)}$ – Resource Market indexed with Resource in parenthesis	<p>Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV.</p> <p>Note: The determinants and explanations expressed about [subtitle] do not reflect the current and correct doctrine or agree with the binding standards of sub-disciplines or legal norms.</p> <p>More information can be obtained via MathDIY, Democracy and Internet are Yours on Github: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 8:30 pm UTC)</p>	.recapitulation	NA	NA

ID	notation	subtitle	description	citation	fundamentals.*	attachments.*	templates.*
R048	$M_{(M)}$	$M_{(M)}$ – Financial Market indexed with Money Supply in parenthesis	$M_{(M)}$ – Financial Market indexed with Money Supply in parenthesis	<p>Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV.</p> <p>Note: The determinants and explanations expressed about [subtitle] do not reflect the current and correct doctrine or agree with the binding standards of sub-disciplines or legal norms.</p> <p>More information can be obtained via MathDIY, Democracy and Internet are Yours on Github: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 8:30 pm UTC)</p>	.recapitulation	NA	NA
R049	UR	UR – Unemployment Rate	UR – Unemployment Rate	<p>Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV.</p> <p>Note: The determinants and explanations expressed about [subtitle] do not reflect the current and correct doctrine or agree with the binding standards of sub-disciplines or legal norms.</p> <p>More information can be obtained via MathDIY, Democracy and Internet are Yours on Github: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 8:30 pm UTC)</p>	.recapitulation	NA	NA
R050	$BC_{(E)}$	$BC_{(E)}$ – Blank Cheque by Enterprise (E)	$BC_{(E)}$ – Blank Cheque by Enterprise (E)	<p>Heading: MathDIY fundamentals, subheading: Shortened recapitulation of conventional equations. Repository: MathDIY on GitHub. File .recapitulation in Folder: fundamentals. Language: EN. Format: PDF CSV TSV.</p> <p>Note: The determinants and explanations expressed about [subtitle] do not reflect the current and correct doctrine or agree with the binding standards of sub-disciplines or legal norms.</p> <p>More information can be obtained via MathDIY, Democracy and Internet are Yours on Github: https://github.com/scifiltr/MathDIY (latest update: 01-21-2020, 8:30 pm UTC)</p>	.recapitulation	NA	NA