

Symbol or abbreviation	Meaning	Section first use	Remark
\dot{a}	ratio of capital accumulation out of surplus-value (a variable; amplified in 3§11 and 5D1)	2§3	a, ring
\underline{x}_t	rate of growth [of any variable underlined] = $(x_{t-1} - x_t) / (x_{t-1})$	2§4, fn.	
\underline{x}	rate of growth [of any variable underlined] = $(x_{t-1} - x_t) / (x_{t-1}) = \Delta x/x$ [time indices omitted]	2§4, fn.	
τ	capital-labour ratio [$\tau = K/L$]	2§4	tau
U	unemployment (number) [reserve of labour-capacity]	2§4	
u	rate of unemployment in % [$u = \{U/(L+U)\} * 100$]	2§4	
e	rate of surplus-value (or profit per labour-year-compensation) [$e = \Pi/wL$]	2§5	
i	limited intensity of labour (physical or compliance limit)	2§5	
\alpha	limited production power of labour (because of limited intensity of labour)	2§5	
x	limited value of a variable (x)	2§5	
ClB	Clearing Bank	2§9	
CB	Central Bank	2§9-a	
Chapter 3			
PVF	pre-validating finance (of enterprises by banks)	3§2	
CG	consumer goods	3§2-b	
MP	means of production	3§2-b	
RPVF	remaining PVF (pre-validating finance of enterprises by banks)	3§6	
Σ	summation	3§6-c	
I	investment by enterprises (net)	3§9	
S	saving	3§9	

Symbol or abbreviation	Meaning	Section first use	Remark
W	wages sum enterprises ($W=wL$)	3§10	
x^P	planned production value of a variable (x)	3§10	
E	macroeconomic net expenditure	3§10	
C	consumption by households (C_k+C_w)	3§10	
X^d	desired (current) production	3§10	
C_k	consumption by capital owners	3§10	
C_w	consumption by wage earners (enterprises)	3§10	
Sw	saving out of wages (wage earners enterprises)	3§10	
Chapter 4			
TERP	tendency to equalisation of average inter-sector rates of integral profit	4§2	
ROC	restructuring of capital	4§2-b	
TUP	tendency to uniform prices within a sector or market	4§3	
Chapter 5			
ϵ	share of 'external' finance in capital (banks plus other financiers)	5§1	epsilon
<i>i</i>	[in italics] average rate of interest for enterprises: the weighted average of the rates paid to banks and to other financiers	5§1	
ϵK	external capital (passive capital furnished by external financiers)	5§1	
$i\epsilon K$	surplus-value distributed to external financiers	5§1	
R	internal profit (surplus-value after interest payments)	5§1	cf. 3§1, Fig. 3.2b
ρ	rate of internal profit on the internal capital	5§1	rho
s_w	fraction saved out of wages (non-constant)	5§3	
PD	sum of dividends and interest distributed to capital owners	5§3, fn.	

Symbol or abbreviation	Meaning	Section first use	Remark
\emptyset	rate of undesired overcapacity (undesired overcapacity/production capacity)	5§5	o stroke
Chapter 8			
<i>general</i>	<i>for 'state': symbols G (g), instead of S (s) to avoid confusion with notation for savings</i>		
Wg	wages sum paid by the state (g for government) = wages of civil servants (before their taxes)	8§1	
Fg	state expenditure on floating inputs, including replacement investment	8§1	
G ^{col}	state expenditure on collective goods and services	8§1	
Yg	net value-added (net product) of the state	8§1	
Ig	investment expenditure by the state (net)	8§2	
Zg	social security transfers	8§2	
Qg	interest payments on the state debt	8§2	
Ag	amenities (sum of subsidies to enterprises, to households and to cultural institutions)	8§2	
G	sum of state expenditure (net)	8§2	
CFg	current finance of state expenditure (net)	8§4	
T	sum of taxes	8§4	
SSC	sum of social security contributions	8§4	
OR	other receipts of the state	8§4	
B	net current borrowing flow of the state (B < 0 in case of a fiscal surplus)	8§4	
<i>Ie</i>	[italics] net investment by enterprises (after the state domain being explicit)	8§6	

Symbol or abbreviation	Meaning	Section first use	Remark
<i>We</i>	[italics] wages sum paid by enterprises (after the state domain being explicit)	8§6	
<i>Cwe</i>	[italics] consumption by enterprises' wage earners (after the state domain being explicit)	8§6	
<i>Cwg</i>	consumption by the state's wage earners	8§6	
<i>Cqg</i>	consumption out of interest paid by the state	8§6	
<i>Czg</i>	consumption out of social security transfers	8§6	
<i>Swg</i>	saving out of wages paid by the state	8§6	
<i>Sqg</i>	saving out of interest paid by the state	8§6	
<i>Szg</i>	saving out of social security transfers	8§6	
<i>Smg</i>	state mediated savings ($Swg + Sqg + Szg$)	8§6	
<i>Swe</i>	[italics] saving out of wages sum paid by enterprises (after the state domain being explicit)	8§6	
<i>II</i>	[italics] surplus-value (= integral profit), after the state domain being explicit	8§6	
<i>Y</i>	[italics] net value-added total economy (after the state domain being explicit)	8§6-b	
<i>Ye</i>	net value added enterprises (after the state domain being explicit)	8§6-b	
<i>Ee</i>	final expenditure of the non-state sector with the enterprises sector	8§6-b	
<i>Eg</i>	direct and indirect expenditure of the state sector with the enterprises sector	8§6-b	
<i>R</i>	[italics] internal profit (after the state domain being explicit)	8§6-c	
<i>Qe</i>	net interest paid by enterprises to their external financiers	8§6-c	
<i>Tsv</i>	taxes paid by enterprises, with surplus-value being the tax base	8§7	

Symbol or abbreviation	Meaning	Section first use	Remark
To	all other taxes, next to Tsv (the latter being enterprises' taxes on surplus-value)	8§7	
<i>Ilat</i>	surplus-value, after taxes on surplus-value (after the state domain being explicit)	8§7	
Tr	taxes on the internal profit (<i>R</i>)	8§7-a	
To*	all other taxes, next to Tr (the latter being enterprises' taxes on internal profit)	8§7a	
<i>Rat</i>	internal profit, after taxes on internal profit (after the state domain being explicit)	8§7a	
T ^H	'hybrid taxes' (simplifying notation: $T^H = Tsv + To + SSC + OR$)	8§8	
T ^{Ho}	'other hybrid taxes' (simplifying notation: $T^{Ho} = To + SSC + OR$)	8§8	
Sg	current saving of the state (the fiscal surplus $T^H - G$)	8§8	
Chapter 11			
HIC	high-income country (World Bank definition)	11§2-a	
UMC	upper-middle-income country (World Bank definition)	11§2-a	
LIC	low-income country (World Bank definition)	11§2-a	
LMC	lower-middle-income country (World Bank definition)	11§2-a	
FDI	foreign direct investment	11§10-b	
Throughout			
LHS	left hand side (of an equation)		
RHS	right hand side (of an equation)		
SNA	System of national accounts		
Unusual signs in equations			
◄	right hand side to left hand side determination	1§12	

Symbol or abbreviation	Meaning	Section first use	Remark
\Leftarrow	equality with right to left hand determination	1§12	
Unusual signs in texts			
\downarrow	decrease (e.g. I \downarrow)		
\uparrow	increase (e.g. I \uparrow)		
\rightarrow	results in / gives rise to		
$x \rightarrow y$	negatively related effect of x on y	2§4	
$x \leftarrow y$	negatively related effect of y on x	2§4	
$x \leftrightarrow y$	positively related effect of x on y	2§4	
$x \leftarrow y$	positively related effect of y on x	2§4	

List of symbols and abbreviations in alphabetical order

General notation 659

Roman symbols and abbreviations 659

Greek symbols 664

Unusual signs in equations 665

Unusual signs in texts 665

Symbol or abbreviation	Meaning	Section first use	Remark
General notation			
\underline{x}	rate of growth [of any variable underlined] = $(x_{t-1} - x_t) / (x_{t-1}) = \Delta x/x$ [time indices omitted]	2§4, fn	
\underline{x}_t	rate of growth [of any variable underlined] = $(x_{t-1} - x_t) / (x_{t-1})$	2§4, fn	
$ x $	limited value of a variable (x)	2§5	
x^P	planned production value of a variable (x)	3§10	
Roman symbols and abbreviations			
\dot{a}	ratio of capital accumulation out of surplus-value (a variable; amplified in 3§11 and 5D1)	2§3	a, ring
Ag	amenities (sum of subsidies to enterprises, to households and to cultural institutions)	8§2	
B	net current borrowing flow of the state (B < 0 in case of a fiscal surplus)	8§4	
C	consumption by households (Ck+Cw)	3§10	
CB	Central Bank	2§9-a	
CFg	current finance of state expenditure (net)	8§4	
CG	consumer goods	3§2-b	

Symbol or abbreviation	Meaning	Section first use	Remark
C_i	[in italics] any commodity (other than commodity j) [used in this Explication only]	1§4-c	
C_j	[in italics] any commodity (other than commodity i) [used in this Explication only]	1§4-c	
C_k	consumption by capital owners	3§10	
ClB	Clearing Bank	2§9	
cPE	Classical Political Economy	1§5-b	
C_{qg}	consumption out of interest paid by the state	8§6	
C_w	consumption by wage earners (enterprises)	3§10	
C_{we}	[italics] consumption by enterprises' wage earners (after the state domain being explicit)	8§6	
C_{wg}	consumption by the state's wage earners	8§6	
C_{zg}	consumption out of social security transfers	8§6	
e	rate of surplus-value (or profit per labour-year-compensation) [$e = \Pi/wL$]	2§5	
E	macroeconomic net expenditure	3§10	
E_e	final expenditure of the non-state sector with the enterprises sector	8§6-b	
E_g	direct and indirect expenditure of the state sector with the enterprises sector	8§6-b	
FDI	foreign direct investment	11§10-b	
F_g	state expenditure on floating inputs, including replacement investment	8§1	
G	sum of state expenditure (net)	8§2	
G^{COL}	state expenditure on collective goods and services	8§1	
GDP	Gross domestic product	1§14	

Symbol or abbreviation	Meaning	Section first use	Remark
HIC	high-income country (World Bank definition)	11§2-a	
I	investment by enterprises (net)	3§9	
<i>i</i>	[in italics] average rate of interest for enterprises: the weighted average of the rates paid to banks and to other financiers	5§1	
<i>Ie</i>	[italics] net investment by enterprises (after the state domain being explicit)	8§6	
Ig	investment expenditure by the state (net)	8§2	
<i>iεK</i>	surplus-value distributed to external financiers	5§1	
K	active capital (value in terms of MVD): assets of balance sheet total	1§13	
K_t	idem, year average	1§13	
K_t	idem, at beginning of year t	1§13	
L	labour-capacity (amount of in going fte per year, unless specified as per hour)	1§14	
LHS	left hand side (of an equation)		
LIC	low-income country (World Bank definition)	11§2-a	
L^α	actual labour (labour-capacity exerted at a power α) [the unique source of valorisation]	1§14	
LMC	lower-middle-income country (World Bank definition)	11§2-a	
M	money (amount)	1§4-c	
m	actual unit monetary value of labour (per year, unless specified as per hour); more specifically: the realisation constraint resulting in the unit monetary value labour	1§14	
mL^α	actual monetary value of labour (realised) = net value-added	1§14	
MP	means of production	3§2-b	
MVD	monetary value dimension	1§4	

Symbol or abbreviation	Meaning	Section first use	Remark
NDP	Net domestic product	1§14	
\emptyset	rate of undesired overcapacity (undesired overcapacity/production capacity)	5§5	o stroke
OR	other receipts of the state	8§4	
PD	sum of dividends and interest distributed to capital owners	5§3, fn.	
PVF	pre-validating finance (of enterprises by banks)	3§2	
Qe	net interest paid by enterprises to their external financiers	8§6-c	
Qg	interest payments on the state debt	8§2	
R	internal profit (surplus-value after interest payments)	5§1	cf. 3§1, Fig. 3.2b
<i>R</i>	[italics] internal profit (after the state domain being explicit)	8§6-c	
<i>Rat</i>	internal profit, after taxes on internal profit (after the state domain being explicit)	8§7a	
RHS	right hand side (of an equation)		
ROC	restructuring of capital	4§2-b	
RPVF	remaining PVF (pre-validating finance of enterprises by banks)	3§6	
S	saving	3§9	
Sg	current saving of the state (the fiscal surplus $T^H - G$)	8§8	
Smg	state mediated savings ($Swg + Sqg + Szg$)	8§6	
SNA	System of national accounts		
Sqg	saving out of interest paid by the state	8§6	
SSC	sum of social security contributions	8§4	
Sw	saving out of wages (wage earners enterprises)	3§10	

Symbol or abbreviation	Meaning	Section first use	Remark
s_w	fraction saved out of wages (non-constant)	5§3	
<i>Swe</i>	[italics] saving out of wages sum paid by enterprises (after the state domain being explicit)	8§6	
Swg	saving out of wages paid by the state	8§6	
Szg	saving out of social security transfers	8§6	
T	sum of taxes	8§4	
TERP	tendency to equalisation of average inter-sector rates of integral profit	4§2	
T^H	'hybrid taxes' (simplifying notation: $T^H = Tsv + To + SSC + OR$)	8§8	
T^{Ho}	'other hybrid taxes' (simplifying notation: $T^{Ho} = To + SSC + OR$)	8§8	
To	all other taxes, next to Tsv (the latter being enterprises' taxes on surplus-value)	8§7	
To^*	all other taxes, next to Tr (the latter being enterprises' taxes on internal profit)	8§7a	
Tr	taxes on the internal profit (R)	8§7-a	
Tsv	taxes paid by enterprises, with surplus-value being the tax base	8§7	
TUP	tendency to uniform prices within a sector or market	4§3	
U	unemployment (number) [reserve of labour-capacity]	2§4	
u	rate of unemployment in % [$u = \{U/(L+U)\} * 100$]	2§4	
UMC	upper-middle-income country (World Bank definition)	11§2-a	
w	wage rate (wage in going fte per year, unless specified as per hour)	1§14	
W	wages sum enterprises ($W=wL$)	3§10	
<i>We</i>	[italics] wages sum paid by enterprises (after the state domain being explicit)	8§6	

Symbol or abbreviation	Meaning	Section first use	Remark
Wg	wages sum paid by the state (g for government) = wages of civil servants (before their taxes)	8§1	
wL	wages sum	1§14	
X ^d	desired (current) production	3§10	
X _t	output of production per year (realised)	1§14	
Y	net value-added (macroeconomically this would be NDP)	1§14	
Y	[italics] net value-added total economy (after the state domain being explicit)	8§6-b	
Ye	net value added enterprises (after the state domain being explicit)	8§6-b	
Y ^G	gross value-added (macroeconomically this would be GDP)	1§14	
Yg	net value-added (net product) of the state	8§1	
Zg	social security transfers	8§2	
Greek symbols			
α	production power of labour (in terms L ^α) [$L^\alpha = L^{\alpha \bar{1}}$]	1§14	alpha
$\acute{\alpha}$	technique-associated productive power of labour (in terms L ^{α̇})	1§14	alpha, with tonos
α	limited production power of labour (because of limited intensity of labour)	2§5	
δ	fraction of the total assets K, equivalent to the used up fixed assets	1§14	delta
Δ	change [see also \bar{x}]	2§3	delta (capital)
ε	share of 'external' finance in capital (banks plus other financiers)	5§1	epsilon
εK	external capital (passive capital furnished by external financiers)	5§1	
ι̇	intensity of labour (in terms L ^{ι̇})	1§14	iota, with dialytika

Symbol or abbreviation	Meaning	Section first use	Remark
i	limited intensity of labour (physical or compliance limit)	2§5	
μ	fraction of the total assets K, equivalent to the used up floating means of production (usually a larger sum than the sum that appears on the balance sheet)	1§14	mu
Π_t	surplus-value (= integral profit) produced per year	1§13	pi
<i>Π</i>	[italics] surplus-value (= integral profit), after the state domain being explicit	8§6	
<i>Π</i> at	surplus-value, after taxes on surplus-value (after the state domain being explicit)	8§7	
ρ	rate of internal profit on the internal capital	5§1	rho
Σ	summation	3§6-c	sigma
τ	capital-labour ratio [$\tau = K/L$]	2§4	tau
ω	rate of integral profit (Π_t / K_t)	1§13	omega
Unusual signs in equations			
\Leftarrow	right hand side to left hand side determination	1§14	
$\Leftarrow =$	equality with right to left hand determination	1§14	
Unusual signs in texts			
\downarrow	decrease (e.g. $I\downarrow$)		
\uparrow	increase (e.g. $I\uparrow$)		
\rightarrow	results in / gives rise to		
$x \rightarrow y$	negatively related effect of x on y	2§4	
$x \leftarrow y$	negatively related effect of y on x	2§4	
$x \rightarrow + y$	positively related effect of x on y	2§4	
$x \leftarrow + y$	positively related effect of y on x	2§4	

List of equations by chapter

- Chapter 1* 666
Chapter 2 667
Chapter 3 668
Chapter 4 669
Chapter 5 670
Chapter 8 671

Equation	Key equation	Description	Type	Equation number	Section
Chapter 1					
$\omega_t = \Pi_t / K_t$	K	rate of integral profit	accounting convention	1.1	1§13
$X_t \triangleq [(\delta + \mu)K + wL + \Pi]_t$	K	output of production realised	accounting convention	1.2	1§14
$L^\alpha = L^{\alpha t}$	K	actual labour (labour-capacity exerted at a power α)	definition	1.3	1§14
$X_t \triangleq [(\delta + \mu)K + mL^\alpha]_t$	K	output of production realised	exposition	1.4	1§14

Equation	Key equation	Description	Type	Equation number	Section
$\Pi_t = m\bar{L}_t^\alpha - wL_t$	K	surplus-value (= integral profit)	exposition	1.5	1§14
$\omega_t = \Pi_t / K_t = [(m\bar{L}_t^\alpha)_t - (wL_t)_t] / K_t$	K	rate of integral profit	implication	1.6	1§14
$Y_t^G \triangleq [\delta K + m\bar{L}_t^\alpha]_t$	K	gross value-added	implication (given concept of Y^G)	1.7	1§14
$Y_t \triangleq [m\bar{L}_t^\alpha]_t$	K	net value-added	implication (given concept of Y)	1.8	1§14
Chapter 2					
$\Delta K = \dot{a}\Pi$		growth of capital [$0 < \dot{a} < 1$]	definition	2.1	2§3
$K/L = \tau$		capital to labour ratio	definition		2§4
$\bar{L} = (1/\tau) \bar{K}$		growth of labour employed	definition [requirement]	2.2	2§4
$u = f_1(\tau\bar{L}) + f_2(\text{pop})$		unemployment [$f_1' < 0; f_2' > 0$]	definition	2.3	2§4
$\Delta w = f_1(\Delta u) + f_2(\Delta \bar{L})$		change of wage rate [$f_1' < 0; f_2' > 0$]	exposition	2.4	2§4
$e_t = \Pi_t / wL_t$		rate of surplus-value	definition	2.5	2§5
$\omega_t = (e_t) / (K_t/wL_t)$		rate of integral profit	implication	2.6	2§5

Equation	Key equation	Description	Type	Equation number	Section
$e_t = f_1((w)_t) + f_2(\alpha)_t$		rate of surplus-value [$f_1' < 0; f_2' > 0$]	implication	2.7	2§5
$(\dot{v})_t = (\dot{v})_t$		intensity of labour	physical and compliance limit	2.8	2§5
$(\alpha)_t = (\alpha)_t$		production power of labour	implication	2.9	2§5
$\Delta K = \dot{a}ewL$		growth of capital	implication	2.10	2§6
Chapter 3 (time indices omitted)					
$W = wL$		wages sum	definition	3.1	3§10
$X^p \text{ } \text{ } \text{ } = (\delta + \iota)K + m^p L^\alpha$		output, planned production of	exposition (cf. 1.4)	3.2	3§10
$Y^p \text{ } \text{ } \text{ } = m^p L^\alpha$		value-added, planned production of	exposition (cf. 1.8)	3.3	3§10
$\Pi^p \text{ } \text{ } \text{ } = m^p L^\alpha - W$		surplus-value, planned production of	exposition (cf. 1.5)	3.4	3§10
$Y = \Pi + W$		value-added (enterprises sector)	definition of macro domain	3.5	3§10
$E = I + C$		expenditure (enterprises sector)	definition of macro domain	3.6	3§10
$Y \text{ } \text{ } \text{ } = E$		validation of value-added	macro determination	3.7	3§10

Equation	Key equation	Description	Type	Equation number	Section
$Y \triangleq I + C$		idem	implication	3.7'	3§10
$I_t \triangleq f(\omega_{t-1}, X_t^i, P, v_t^i)$		investment	determination	3.8	3§10
$C = Ck + Cw$		consumption, macro	definition	3.9	3§10
$\Pi \triangleq I + Ck + (Cw - W)$		validation surplus-value, macro	implication (expositional)	3.10	3§10
$Sw = W - Cw$		saving out of wages	definition	3.11	3§10
$\Pi \triangleq I + Ck - Sw$	K	validation surplus-value (by macro expenditure)	implication	3.12	3§10
Chapter 4					
<i>Explanation</i>					
$\omega_t = \Pi_t / K_t = [m_t L_t^{\delta} - (wL_t)] / K_t$		rate of integral profit	implication (cf. 1.3 and 1.6)	4.1	4§4-a
$X_t = \delta K_t + \mu K_t + wL_t + \Pi_t$		output of production realised	accounting convention (cf. 1.2)	4.2	4§4-a
$p q_t \leq \mu K_t + wL_t$		prime costs (output in terms of price and quantity vectors)	accounting convention	4.3	4§4-a

Equation	Key equation	Description	Type	Equation number	Section
$\Pi_t / (K_t - LV_t) > [pq_t - (\mu K_t + wL_t)] / LV_t$		decision criterion for scrapping	accounting convention	4.4	4§4-a
Chapter 5					
$R = \Pi - i\epsilon K$	K	internal profit	definition	5.1	5§1
$\rho = R / (K - \epsilon K) = (mL^x - wL - i\epsilon K) / (K - \epsilon K)$	K	rate of internal profit on the internal capital	accounting convention (given 5.1)	5.2	5§1
$\rho = (\omega - i\epsilon) / (1 - \epsilon)$		rate of internal profit on the internal capital	implication (5.2 divided by K)	5.3	5§1
$R = I + Ck - Sw - i\epsilon K$		validation of internal profit	implication (3.10 into 5.1)	5.4	5§2
$\rho = (I + Ck - Sw - i\epsilon K) / (K - \epsilon K)$	K	rate of internal profit on the internal capital	implication (5.4 into 5.2)	5.5	5§2
$Sw \equiv s_w(wL)$		saving out of wages	definition		5§3
$\Delta K_t = I_t$		growth of capital	definition	5.6	5§5
$\Delta K^*_t = I_t - \text{scrap}_t$		growth of capital, net	definition	5.6a	5§5
$I_t = f(\rho_t, \theta_t)$		investment (positively related with ρ and negatively with θ)	determination (see text for distinction from 3.8)	5.7	5§5

Equation	Key equation	Description	Type	Equation number	Section
Chapter 8					
<i>Main sections</i>					
$G^{cov} = Fg + Wg$		state expenditure on collective goods and services	convention of state	8.1	8§1
$Yg = Wg$		net value-added (net product) of the state	convention of state	8.2	8§1
$G^* = (Wg + Fg) + Ig + (Qg + Zg) + Ag$		state expenditure	accounting definition	8.3Ag	8§2
$G = (Wg + Fg) + Ig + (Qg + Zg)$		state expenditure (minus subsidies Ag)	definition	8.3	8§2
$CFg = T + SSC + OR + B$		current finance of state expenditure	accounting definition	8.4	8§4
$CFg = G$		idem	accounting definition	8.5	8§4
$Cwg = Wg - Swg$		consumption by the state's wage earners	definition	8.6	8§6
$Cqg = Qg - Sqg$		consumption out of interest paid by the state	definition	8.7	8§6
$Czgz = Zg - Szgz$		consumption out of social security transfers	definition	8.8	8§6

Equation	Key equation	Description	Type	Equation number	Section
$S_{mg} = S_{wg} + S_{qg} + S_{zg}$		state-mediated savings	definition	8.9	8§6
$\Pi \triangleleft [(Ie + Ck) - S_{wc}] + G - [S_{wg} + S_{qg} + S_{zg}]$		[italics] validation surplus-value	exposition	8.10	8§6
$\Pi \triangleleft [(Ie + Ck) - S_{wc}] + G - S_{mg}$	K	[italics] validation surplus-value	exposition (= 8.10)	8.11	8§6
<i>Amplifications</i>					
$\Pi \triangleleft Ie + Ck + (C_{we} - We)$		validation surplus-value, macro	amended notation	3.10*	8§6-b
$\Pi \triangleleft Ie + Ck - S_{we}$		validation surplus-value, macro	amended notation	3.12*	8§6-b
$Y = Y_e + Y_g$		[italics] net value-added	definition of macro domain	8.6b.1	8§6-b
$Y_e \triangleleft [mL^a]$		[italics] net value-added by enterprises sector	implication of domain extension	1.8*	8§6-b
$Y_e = We + \Pi$		[italics] net value-added by enterprises sector	implication of domain extension	3.5*	8§6-b
$\Pi = Y_e - We$		[italics] surplus-value	implication of domain extension	3.5*	8§6-b
$Ee = Ie + Ck + C_{we}$		final non-state expenditure with enterprises	implication of domain extension	3.6** and 3.8*	8§6-b

Equation	Key equation	Description	Type	Equation number	Section
$Eg = [Ig + Fg] + [(Cwg + Cqg + Czg)]$		direct & indirect state exp. with enterprises	exposition	8.6b.2	8§6-b
$Ye \leftarrow Ee + Eg$		[italics] total expenditure with enterprises	definition of macro domain	8.6b.3	8§6-b
$\Pi \leftarrow (Ee + Eg) - We$		[italics] validation surplus-value, macro	implication of domain extension	8.6b.4	8§6-b
$\Pi \leftarrow [(Ie + Ck) + (Cwe - We)] + [Ig + Fg + Cg] + [(Cwg + Cqg + Czg)]$			implication (expositional)	8.6b.5	8§6-b
$\Pi \leftarrow [(Ie + Ck) + (Cwe - We)] + [Ig + Fg + Wg + Qg + Zg] - [Swg + Sqg + Szg]$			implication (expositional)	8.6b.6	8§6-b
$R = \Pi - Qe$		[italics] internal profit	definition	8.6c.1	8§6-c
$R = [(Ie + Ck) - Swe] - [Qe] + [G - Smg]$		validation of internal profit	implication	8.6c.2	8§6-c
Main section					
$T = Tsv + To$		total taxes (case of taxation surplus-value)	definition	8.12	8§7
$\Pi_{at} = \Pi - Tsv$		after tax surplus-value	definition	8.13	8§7

Equation	Key equation	Description	Type	Equation number	Section
$I_{lat} = [(Ie + Ck) - Swe] + [G - Smg - Tsv]$	K	idem, decomposed: validation perspective	implication	8.14	8§7
<i>Amplification</i>					
$T = Tr + To^*$		total taxes (case of taxation internal profit)	definition	8.7a.1	8§7-a
$Rat = R - Tr$		after tax internal profit	definition	8.7a.2	8§7-a
$Rat = [(Ie + Ck) - Swe] - [Qe] + [(G - Smg) - Tr]$		idem, decomposed: validation perspective	implication	8.7a.3	8§7-a
<i>Main section</i>					
$CFg = Tsv + To + SSC + OR + B$		current finance of state expenditure (net)	implication (8.12 substituted into 8.4)	8.4	8§8
$T^H = Tsv + To + SSC + OR$		hybrid taxes	definition	8.15	8§8
$T^{H_0} = T^H - Tsv$		other hybrid taxes	definition	8.16	8§8
$CFg = T^H + B$		current finance of state expenditure	implication	8.17	8§8

Equation	Key equation	Description	Type	Equation number	Section
$Sg = T^H - G$		current savings of the state	definition	8.18	8§8
$I\text{Iat} = [(te + Ck) - Swe] + [(G - T^H) - S\text{mg} + T^H\text{o}]$		after tax surplus-value; validation perspective	implication	8.19	8§8
$I\text{Iat} = [(te + Ck) - Swe] + [-Sg - S\text{mg} + T^H\text{o}]$	K	idem	implication	8.20	8§8

Glossary of field-specific terms

- This is a glossary of some of the main terms that are specific to the field of this book. It should assist especially the reading of the first few chapters of Parts One and Two (Chapters 1–2 and 6–7). It also covers most of the field-specific terms used in the ‘General Summary and Conclusions’.
- Because the interconnection of concepts is core to this book, it is inevitable that the reader looking up an entry is often referred to other entries.
- Some lemmas start with a brief dictionary definition (in brackets; ‘a.o.’ is an abbreviation for: ‘amongst other’ definitions). This is followed by the particular usage of the term in this book in case this (somewhat) deviates from the dictionary definition.
- The sign → means: see the lemma (as indicated after the arrow).
- In the references to sections of the book, ‘sub #’ refers to a sub-section of the section indicated.
- GI-C§# refers to a section in the General Introduction. A§# refers to a section in the General Appendix, Outline of Systematic Dialectics.

abstract. In this book this term is used in reference to a →‘moment’ (in brief a ‘stage’) of the exposition that has not yet been fully →‘grounded’ (its concrete conditions of existence have not yet been determined). The starting point of the book (1D1 and 6D1) has a special status. It is ‘abstract’ in the sense above, whereas it is at the same time a (not yet grounded) reference to the essence of the totality. The starting point is therefore referred to as ‘*abstract-general*’. To the extent that all of Chapters 1 and 6 are starting points in a wider sense, these have also been referred to as ‘abstract-general’ moments. [A§11.]

abstraction from x (or bracket). This term is sometimes used so as to emphasise that a statement made at that point yet abstracts from x, that is, a →‘moment’ x (in brief a ‘stage’) presented later on. This phrase occurs in sentences such as: ‘the state yet being abstracted from’. This refers to a stage of the systematic dialectic when some moment (such as the state in the example) is still →‘pre-positd’ (i.e. not yet presented). Instead of ‘abstraction from x’ an alternative used is: ‘with x bracketed’.

abstraction in practice →‘trans-abstraction in practice’.

accumulation of capital. The process of the growth of →‘capital’. [2§3 sub 1, 2§6.]

active capital →‘capital’.

actor. The term ‘actor’ or ‘social actor’ is used in a very general sense of ‘activity’. An actor may be an individual (that is, an individual in a particular role, for example that of labourer, entrepreneur, manager) *or* a (corporate) ‘person’ in the legal sense, hence also an institution such as an enterprise, *or* the agent of a particular institution (e.g. enterprise). [2§7-a.]

allowance rights and positive rights. An allowance right held by a person – e.g. the allowance right to property of means of production – entails the *duty* on all other persons to respect that right ('person' denotes person in the juridical sense, including, for example, a corporation). That is, the duty of *non-interference, non-obstruction or non-action*. Thus a full allowance right to property entails that *once* a person possesses property, the possession ought not be obstructed and, more specifically, the possessor ought not be expropriated. Similarly, a full allowance right to existence imposes the duty on other persons to not interfere with or obstruct this right, e.g. by violence. An 'allowance right' contrasts with a *positive right*. The latter entails duties that go much further: requiring 'positive action'. (Positive rights require a specification as to whether the duty of positive action falls on all other persons, or on a specific category, or perhaps on the state or some other institution.) A positive right to property, for example, to the earth, might more specifically entail that everybody is granted the right to possess some portion or perhaps an equal proportion of the earth; it might impose the duty on others to transfer their disproportionate share in the earth to the other right holders. Similarly a positive right to existence, for example, specified as the positive right to decent work, or the positive right to a decent living (all to be specified further), imposes the duty on others of sharing the available decent work or to share other means of decent living. Again, the required duty might fall on the state or some other institution. [6§17.]

articulation (dictionary: the act of joining or the state of being joined). Structured interrelationship/interconnection within the totality of the exposition.

banks versus banking entities. A distinction is made between 'banks' and 'banking entities'. Banks are conceptualised purely as creators of money and as financiers. Any labour that this might require is outsourced to a separate 'production branch' of the banking entity. These production branches are subsumed under the enterprises sector. This means that the (pure) banks are not producers. [3§1, sub 2.]

bifurcation →'outward bifurcation'; →'inward bifurcation'.

bracket →'abstraction from'.

capital. The term capital without adjective refers to 'active capital', that is, the balance sheet assets of a →'production enterprise'. A distinction is made between 'active capital' and 'passive capital' (or passive finance capital). *Active capital* is the ideal →'monetary value' (ideal value or book value) of, first, the enterprise's investment in inputs for production and, second, the running →'valorisation', each measured at one point in time, and reported on the enterprise's balance sheet as assets. The running valorisation is co-materialised in the ideal monetary value of semi-finished products and not yet →'validated' output stocks. [1§13.] *Passive capital* (or passive finance capital) is the equivalent of the various liabilities of an enterprise. [2§15; 3§1, summarised in Fig. 3.2a.]

capital as a form of wealth →'wealth'.