

The Structure of Wittgenstein's *Tractatus*: Some Lists and Tables

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Abstract

In this document I collect some lists and tables on Wittgenstein's *Tractatus*. I began compiling them when teaching a course on the *Tractatus* and continued working on when writing my paper "How to read the *Tractatus* sequentially" (2016, *Nordic Wittgenstein Review*), which discusses the role and interpretation of the numbering system used in the *Tractatus*. The lists and tables are partly a study aid and partly a supplement to this paper. – If you spot a mistake, please send me an email!

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1 Tables of content

1.1 Cardinal remarks as chapter headings?

Quotation	Topic
1 Die Welt ist alles, <u>was der Fall ist</u> .	Welt
2 <u>Was der Fall ist</u> , die <u>Tatsache</u> , ist das Bestehen von Sachverhalten.	Tatsachen
3 Das logische Bild der <u>Tatsache</u> ist der <u>Gedanke</u> .	Gedanken
4 Der <u>Gedanke</u> ist der sinnvolle <u>Satz</u> .	Sätze
5 Der <u>Satz</u> ist eine <u>Wahrheitsfunktion</u> der Elementarsätze. [...]	Wahrheitsfunktionen
6 Die allgemeine Form der <u>Wahrheitsfunktion</u> ist: $[\bar{p}, \bar{\xi}, N(\bar{\xi})]$. Dies ist die <u>allgemeine Form des Satzes</u> .	Allgemeine Form des Satzes (= was sinnvoll ist)

7 Wovon man nicht sprechen kann, darüber muß man schweigen.	Die Grenze des Sinnvollen

Table 1.1: Cardinal remarks and their interconnections

1.2 A table of contents

Topic	<i>begins at</i>
The World	1
Facts	1
Objects	2.01
General Theory of Representation	2.1
Pictures	2.1
Thoughts	3
Language	3.1
Sentences	3.1
Names	3.2
Context principle, signs vs. symbols	3.3
Sentences and logical space	3.4
Language and thought	3.5
<i>Excursus: Philosophy</i>	4.11
Logic	
Logical form	4.12
Elementary props	4.2
Truth-functions	4.3
Probability	5.15
Operations	5.2
Nature of logic	5.4
Negation, generality, apriority	5.5
Limits of language/world and solipsism	5.6
<i>Intermediate Conclusion</i>	
General form of the proposition	6
Sense and Nonsense	6.1
Logic	6.1
Mathematics	6.2
Science	6.3
Ethics and the mystical	6.4
Philosophy	6.5
<i>Final Conclusion</i>	
Silence	7

Table 1.2: A table of contents

2 526 remarks

2.1 Records and other remarkable features

- Total number of remarks: 526
 - by level see [Table 2.1](#)
 - by ‘chapter’ see [Table 2.2](#)
- Total number of ‘zero’ or ‘phantom’ remarks: 15
 - 2.0
 - 2.020
 - 2.20
 - 3.0
 - 3.00
 - 3.20
 - 4.0
 - 4.00
 - 5.0
 - 5.10
 - 5.50
 - 5.530
 - 6.0
 - 6.00
 - 6.120
- Full sets of nine remarks: 1
 - 2.11 to 2.19
- Longest sequence of consecutive (uninterrupted) same-level remarks: 8
 - 3.311 to 3.318 (all level III)
 - 3.321 to 3.328 (all level III)
- Longest sequence of consecutive (unidirectional) jumps: 4
 - 6.36, 6.361, 6.3611, 6.36111

	Main	I	II	III	IV	V	Sum
#	7	25	124	245	118	7	526

Table 2.1: Number of remarks by level

	1	2	3	4	5	6	7	Sum
#	7	79	74	109	151	105	1	526

Table 2.2: Number of remarks by ‘chapter’

- Longest sequence of consecutive jumps: 11
 - 2.0123 to 2.0211 (down-up-up-down-up-down-double up-double down-up-down)
- Longest downwards jump: 3 levels (3 times)
 - 3 to 3.001
 - 4 to 4.001
 - 6 to 6.001
- Longest upwards jump: 3 levels (6 times)
 - 2.225 to 3
 - 3.3442 to 3.4
 - 4.0641 to 4.1
 - 4.4661 to 4.5
 - 6.36311 to 6.37
 - 6.3751 to 6.4
- Remarkable or coincidental (?) occurrences of the number seven
 - ‘chapter’ 1 consists of seven remarks
 - 3.5 and 4 are twin remarks at the half and midpoint respectively
 - ‘section’ 6.5 (= penultimate section) consists of seven remarks
 - 7 consists of two clauses of seven syllables each
 - there are both seven main level remarks (1 to 7) and seven fifth level remarks (2.01231, 2.02331, 2.15121, 4.12721, 5.47321, 6.36111, 6.36311); all fifth level remarks are singletons

2.2 Table of all remarks

[Table 2.3](#) lists all 526 remarks as well as the 15 ‘zero’ or ‘phantom’ remarks.

Main Level	Level I	Level II	Level III	Level IV	Level V
1 (1)	1.1 (2)	1.11 (3) 1.12 (4) 1.13 (5)			
	1.2 (6)	1.21 (7)			
2 (8)	– (i)	2.01 (9)	2.011 (10) 2.012 (11)	2.0121 (12) 2.0122 (13) 2.0123 (14) 2.0124 (16)	2.01231 (15)
		2.02 (21)	2.013 (17) 2.014 (19) – (ii) 2.021 (23) 2.022 (26) 2.023 (27)	2.0131 (18) 2.0141 (20) 2.0201 (22) 2.0211 (24) 2.0212 (25) 2.0231 (28) 2.0232 (29) 2.0233 (30)	2.02331 (31)
		2.03 (39)	2.024 (32) 2.025 (33) 2.026 (35) 2.027 (36)	2.0251 (34) 2.0271 (37) 2.0272 (38)	
		2.04 (44) 2.05 (45) 2.06 (46)	2.031 (40) 2.032 (41) 2.033 (42) 2.034 (43)		
		2.1 (50)	2.061 (47) 2.062 (48) 2.063 (49)		
		2.11 (51) 2.12 (52) 2.13 (53) 2.14 (55) 2.15 (57)	2.131 (54) 2.141 (56) 2.151 (58)	2.1511 (59) 2.1512 (60) 2.1513 (62) 2.1514 (63) 2.1515 (64)	2.15121 (61)
		2.16 (65) 2.17 (67)	2.161 (66) 2.171 (68) 2.172 (69) 2.173 (70) 2.174 (71)		
		2.18 (72)	2.181 (73) 2.182 (74)		
		2.19 (75) – (iii)	2.201 (77)		
	2.2 (76)				

Continued on next page

Main Level	Level I	Level II	Level III	Level IV	Level V
			2.202 (78)		
			2.203 (79)		
		2.21 (80)			
		2.22 (81)	2.221 (82)		
			2.222 (83)		
			2.223 (84)		
			2.224 (85)		
			2.225 (86)		
3 (87)	– (iv)	– (v)	3.001 (88)		
		3.01 (89)			
		3.02 (90)			
		3.03 (91)	3.031 (92)		
			3.032 (93)	3.0321 (94)	
		3.04 (95)			
		3.05 (96)			
	3.1 (97)	3.11 (98)			
		3.12 (99)			
		3.13 (100)			
		3.14 (101)	3.141 (102)		
			3.142 (103)		
			3.143 (104)	3.1431 (105)	
				3.1432 (106)	
			3.144 (107)		
	3.2 (108)	– (vi)	3.201 (109)		
			3.202 (110)		
			3.203 (111)		
		3.21 (112)			
		3.22 (113)	3.221 (114)		
		3.23 (115)			
		3.24 (116)			
		3.25 (117)	3.251 (118)		
		3.26 (119)	3.261 (120)		
			3.262 (121)		
			3.263 (122)		
	3.3 (123)	3.31 (124)	3.311 (125)		
			3.312 (126)		
			3.313 (127)		
			3.314 (128)		
			3.315 (129)		
			3.316 (130)		
			3.317 (131)		
			3.318 (132)		
		3.32 (133)	3.321 (134)		
			3.322 (135)		
			3.323 (136)		
			3.324 (137)		
			3.325 (138)		
			3.326 (139)		
			3.327 (140)		
			3.328 (141)		

Continued on next page

Main Level	Level I	Level II	Level III	Level IV	Level V
		3.33 (142)	3.331 (143) 3.332 (144) 3.333 (145) 3.334 (146)		
		3.34 (147)	3.341 (148) 3.342 (150) 3.343 (152) 3.344 (153)	3.3411 (149) 3.3421 (151) 3.3441 (154) 3.3442 (155)	
	3.4 (156)	3.41 (157) 3.42 (159)	3.411 (158)		
	3.5 (160)				
4 (161)	– (vii)	– (viii)	4.001 (162) 4.002 (163) 4.003 (164) 4.01 (166) 4.011 (167) 4.012 (168) 4.013 (169) 4.014 (170) 4.015 (172) 4.016 (173) 4.02 (174) 4.021 (175) 4.022 (176) 4.023 (177) 4.024 (178) 4.025 (179) 4.026 (180) 4.027 (181) 4.03 (182) 4.031 (183) 4.032 (186) 4.04 (187) 4.041 (188) 4.05 (191) 4.06 (192) 4.061 (193) 4.062 (194) 4.063 (196) 4.064 (197) 4.1 (199) 4.11 (200) 4.111 (201) 4.112 (202) 4.113 (205) 4.114 (206) 4.115 (207) 4.116 (208) 4.12 (209) 4.121 (210) 4.122 (214) 4.123 (216)	4.0031 (165) 4.0141 (171) 4.0311 (184) 4.0312 (185) 4.0411 (189) 4.0412 (190) 4.0621 (195) 4.0641 (198) 4.1121 (203) 4.1122 (204) 4.1211 (211) 4.1212 (212) 4.1213 (213) 4.1221 (215)	

Continued on next page

Main Level	Level I	Level II	Level III	Level IV	Level V
			4.124 (217)	4.1241 (218)	
			4.125 (219)	4.1251 (220)	
				4.1252 (221)	
			4.126 (222)		
			4.127 (223)	4.1271 (224)	
				4.1272 (225)	4.12721 (226)
				4.1273 (227)	
				4.1274 (228)	
			4.128 (229)		
	4.2 (230)	4.21 (231)	4.211 (232)		
		4.22 (233)	4.221 (234)	4.2211 (235)	
		4.23 (236)			
		4.24 (237)	4.241 (238)		
			4.242 (239)		
			4.243 (240)		
		4.25 (241)			
		4.26 (242)			
		4.27 (243)			
		4.28 (244)			
	4.3 (245)	4.31 (246)			
	4.4 (247)	4.41 (248)	4.411 (249)		
		4.42 (250)			
		4.43 (251)	4.431 (252)		
		4.44 (253)	4.441 (254)		
			4.442 (255)		
		4.45 (256)			
		4.46 (257)	4.461 (258)	4.4611 (259)	
			4.462 (260)		
			4.463 (261)		
			4.464 (262)		
			4.465 (263)		
			4.466 (264)	4.4661 (265)	
	4.5 (266)	4.51 (267)			
		4.52 (268)			
		4.53 (269)			
5 (270)	– (ix)	5.01 (271)			
		5.02 (272)			
	5.1 (273)	– (x)	5.101 (274)		
		5.11 (275)			
		5.12 (276)	5.121 (277)		
			5.122 (278)		
			5.123 (279)		
			5.124 (280)	5.1241 (281)	
		5.13 (282)	5.131 (283)	5.1311 (284)	
			5.132 (285)		
			5.133 (286)		
			5.134 (287)		
			5.135 (288)		
			5.136 (289)	5.1361 (290)	
				5.1362 (291)	

Continued on next page

Main Level	Level I	Level II	Level III	Level IV	Level V
				5.1363 (292)	
		5.14 (293)	5.141 (294)		
			5.142 (295)		
			5.143 (296)		
		5.15 (297)	5.151 (298)	5.1511 (299)	
			5.152 (300)		
			5.153 (301)		
			5.154 (302)		
			5.155 (303)		
			5.156 (304)		
	5.2 (305)	5.21 (306)			
		5.22 (307)			
		5.23 (308)	5.231 (309)		
			5.232 (310)		
			5.233 (311)		
			5.234 (312)	5.2341 (313)	
		5.24 (314)	5.241 (315)		
			5.242 (316)		
		5.25 (317)	5.251 (318)		
			5.252 (319)	5.2521 (320)	
				5.2522 (321)	
				5.2523 (322)	
			5.253 (323)		
			5.254 (324)		
	5.3 (325)	5.31 (326)			
		5.32 (327)			
	5.4 (328)	5.41 (329)			
		5.42 (330)			
		5.43 (331)			
		5.44 (332)	5.441 (333)		
			5.442 (334)		
		5.45 (335)	5.451 (336)		
			5.452 (337)		
			5.453 (338)		
			5.454 (339)	5.4541 (340)	
		5.46 (341)	5.461 (342)	5.4611 (343)	
		5.47 (344)	5.471 (345)	5.4711 (346)	
			5.472 (347)		
			5.473 (348)	5.4731 (349)	
				5.4732 (350)	5.47321 (351)
				5.4733 (352)	
			5.474 (353)		
			5.475 (354)		
			5.476 (355)		
	5.5 (356)	– (xi)	5.501 (357)		
			5.502 (358)		
			5.503 (359)		
		5.51 (360)	5.511 (361)		
			5.512 (362)		
			5.513 (363)		
			5.514 (364)		

Continued on next page

Main Level	Level I	Level II	Level III	Level IV	Level V
			5.515 (365)	5.5151 (366)	
		5.52 (367)	5.521 (368)		
			5.522 (369)		
			5.523 (370)		
			5.524 (371)		
			5.525 (372)		
			5.526 (373)	5.5261 (374)	
				5.5262 (375)	
		5.53 (376)	– (xii)	5.5301 (377)	
				5.5302 (378)	
				5.5303 (379)	
			5.531 (380)		
			5.532 (381)	5.5321 (382)	
			5.533 (383)		
			5.534 (384)		
			5.535 (385)	5.5351 (386)	
				5.5352 (387)	
		5.54 (388)	5.541 (389)		
			5.542 (390)	5.5421 (391)	
				5.5422 (392)	
				5.5423 (393)	
		5.55 (394)	5.551 (395)		
			5.552 (396)	5.5521 (397)	
			5.553 (398)		
			5.554 (399)	5.5541 (400)	
				5.5542 (401)	
			5.555 (402)		
			5.556 (403)	5.5561 (404)	
				5.5562 (405)	
				5.5563 (406)	
			5.557 (407)	5.5571 (408)	
	5.6 (409)	5.61 (410)			
		5.62 (411)	5.621 (412)		
		5.63 (413)	5.631 (414)		
			5.632 (415)		
			5.633 (416)	5.6331 (417)	
			5.634 (418)		
		5.64 (419)	5.641 (420)		
6 (421)	– (xiii)	– (xiv)	6.001 (422)		
			6.002 (423)		
		6.01 (424)			
		6.02 (425)	6.021 (426)		
			6.022 (427)		
		6.03 (428)	6.031 (429)		
	6.1 (430)	6.11 (431)	6.111 (432)		
			6.112 (433)		
			6.113 (434)		
		6.12 (435)	– (xv)	6.1201 (436)	
				6.1202 (437)	
				6.1203 (438)	

Continued on next page

Main Level	Level I	Level II	Level III	Level IV	Level V
			6.121 (439)		
			6.122 (440)	6.1221 (441)	
				6.1222 (442)	
				6.1223 (443)	
				6.1224 (444)	
			6.123 (445)	6.1231 (446)	
				6.1232 (447)	
				6.1233 (448)	
			6.124 (449)		
			6.125 (450)	6.1251 (451)	
			6.126 (452)	6.1261 (453)	
				6.1262 (454)	
				6.1263 (455)	
				6.1264 (456)	
				6.1265 (457)	
			6.127 (458)	6.1271 (459)	
		6.13 (460)			
	6.2 (461)	6.21 (462)	6.211 (463)		
		6.22 (464)			
		6.23 (465)	6.231 (466)		
			6.232 (467)	6.2321 (468)	
				6.2322 (469)	
				6.2323 (470)	
			6.233 (471)	6.2331 (472)	
			6.234 (473)	6.2341 (474)	
		6.24 (475)	6.241 (476)		
	6.3 (477)	6.31 (478)			
		6.32 (479)	6.321 (480)	6.3211 (481)	
		6.33 (482)			
		6.34 (483)	6.341 (484)		
			6.342 (485)		
			6.343 (486)	6.3431 (487)	
				6.3432 (488)	
		6.35 (489)			
		6.36 (490)	6.361 (491)	6.3611 (492)	6.36111 (493)
			6.362 (494)		
			6.363 (495)	6.3631 (496)	6.36311 (497)
		6.37 (498)	6.371 (499)		
			6.372 (500)		
			6.373 (501)		
			6.374 (502)		
			6.375 (503)	6.3751 (504)	
	6.4 (505)	6.41 (506)			
		6.42 (507)	6.421 (508)		
			6.422 (509)		
			6.423 (510)		
		6.43 (511)	6.431 (512)	6.4311 (513)	
				6.4312 (514)	
			6.432 (515)	6.4321 (516)	
		6.44 (517)			
		6.45 (518)			

Continued on next page

Main Level	Level I	Level II	Level III	Level IV	Level V
	6.5 (519)	6.51 (520)			
		6.52 (521)	6.521 (522)		
			6.522 (523)		
		6.53 (524)			
		6.54 (525)			
7 (526)					

Table 2.3: 526 remarks

2.3 Table of all pages

Bazzocchi (2014) proposes to print and read the *Tractatus* not sequentially, but as a text arranged as a tree: The first page consists of the cardinal remarks, which leads to fourteen pages containing the comments on the cardinal remarks ($1.m$, $2.0m$, $2.m$, $3.00m$, $3.0m$, $3.m$, $4.00m$, $4.0m$, $4.m$, $5.0m$, $5.m$, $6.00m$, $6.0m$ and $6.m$) and so on. [Table 2.6](#) lists all pages. Arabic numbers are used to count the pages, en is the n -th endpage (‘leaf’), sn is the n -th page containing only a single remark. [Table 2.4](#) and [Table 2.5](#) summarise the result.

Type	Branch	Leaf	Singleton
#	183	111	67

Table 2.4: Pages by type

Depth	M	I	II	III	IV	V	Sum
#	1	6	29	74	66	7	183

Table 2.5: Pages by depth

M	I	II	III	IV	V
1	1.1 (2)	1.11 (3/e1)			
(1)		1.12			
		1.13			
	1.2	1.21 (4/e2/s1)			
2	—	2.01 (5)	2.011 (6)		
			2.012	2.0121 (7)	
				2.0122	
				2.0123	2.01231
					(8/e3/s2)
				2.0124	
			2.013	2.0131 (9/e4/s3)	
			2.014	2.0141 (10/e5/s4)	
		2.02	—	2.0201 (11/e6/s5)	
			2.021 (12)	2.0211 (13/e7)	
				2.0212	
			2.022		
			2.023	2.0231 (14)	
				2.0232	
				2.0233	2.02331
					(15/e8/s6)
			2.024		
			2.025	2.0251 (16/e9/s7)	
			2.026		
			2.027	2.0271 (17/e10)	
				2.0272	
		2.03	2.031 (18/e11)		
			2.032		
			2.033		
			2.034		
		2.04			
		2.05			
		2.06	2.061 (19/e12)		
			2.062		
			2.063		
	2.1 (20)	2.11 (21)			
		2.12			
		2.13	2.131 (22/e13/s8)		
		2.14	2.141 (23/e14/s9)		
		2.15	2.151 (24/s10)	2.1511 (25)	
				2.1512	2.15121
					(26/e15/s11)
				2.1513	
				2.1514	
				2.1515	
		2.16	2.161 (27/e16/s12)		
		2.17	2.171 (28/e17)		
			2.172		
			2.173		
			2.174		

Continued on next page

M	I	II	III	IV	V
		2.18	2.181 (29/e18)		
			2.182		
	2.2	2.19			
		—	2.201 (30/e19)		
			2.202		
			2.203		
		2.21 (31)			
		2.22	2.221 (32/e20)		
			2.222		
			2.223		
			2.224		
			2.225		
3	—	—	3.001 (33/e21/s13)		
		3.01 (34)			
		3.02			
		3.03	3.031 (35)		
			3.032	3.0321 (36/e22/s14)	
		3.04			
		3.05			
	3.1 (37)	3.11 (38)			
		3.12			
		3.13			
		3.14	3.141 (39)		
			3.142		
			3.143	3.1431 (40/e23)	
				3.1432	
			3.144		
	3.2	—	3.201 (41/e24)		
			3.202		
			3.203		
		3.21 (42)			
		3.22	3.221 (43/e25/s15)		
		3.23			
		3.24			
		3.25	3.251 (44/e26/s16)		
		3.26	3.261 (45/e27/s17)		
			3.262		
			3.263		
	3.3	3.31 (46)	3.311 (47/e28)		
			3.312		
			3.313		
			3.314		
			3.315		
			3.316		
			3.317		
			3.318		
		3.32	3.321 (48/e29)		
			3.322		
			3.323		
			3.324		

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M	I	II	III	IV	V
			3.325		
			3.326		
			3.327		
			3.328		
		3.33	3.331 (49/e30)		
			3.332		
			3.333		
			3.334		
		3.34	3.341 (50)	3.3411 (51/e31/s18)	
			3.342	3.3421 (52/e32/s19)	
			3.343		
			3.344	3.3441 (53/e33)	
				3.3442	
	3.4	3.41 (54)	3.411 (55/e34/s20)		
		3.42			
	3.5				
4	—	—	4.001 (56)		
			4.002		
			4.003	4.0031 (57/e35/s21)	
		4.01 (58)	4.011 (59)		
			4.012		
			4.013		
			4.014	4.0141 (60/e36/s22)	
			4.015		
			4.016		
		4.02	4.021 (61/e37)		
			4.022		
			4.023		
			4.024		
			4.025		
			4.026		
			4.027		
		4.03	4.031 (62)	4.0311 (63/e38)	
				4.0312	
			4.032		
		4.04	4.041 (64/s23)	4.0411 (65/e39)	
				4.0412	
		4.05			
		4.06	4.061 (66)		
			4.062	4.0621 (67/e40/s24)	
			4.063		
			4.064	4.0641 (68/e41/s25)	
	4.1 (69)	4.11 (70)	4.111 (71)		
			4.112	4.1121 (72/e42)	
				4.1122	
			4.113		
			4.114		
			4.115		
			4.116		
		4.12	4.121 (73)	4.1211 (74/e43)	

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M	I	II	III	IV	V
				4.1212	
				4.1213	
			4.122	4.1221 (75/e44/s26)	
			4.123		
			4.124	4.1241 (76/e45/s27)	
			4.125	4.1251 (77/e46)	
				4.1252	
			4.126		
			4.127	4.1271 (78)	
				4.1272	4.12721 (79/e47/s28)
				4.1273	
				4.1274	
			4.128		
4.2		4.21 (80)	4.211 (81/e48/s29)		
		4.22	4.221	4.2211 (82/e49/s30)	
		4.23			
		4.24	4.241 (83/e50)		
			4.242		
			4.243		
		4.25			
		4.26			
		4.27			
		4.28			
4.3		4.31 (84/e51/s31)			
4.4		4.41 (85)	4.411 (86/e52/s32)		
		4.42			
		4.43	4.431 (87/e53/s33)		
		4.44	4.441 (88/e54)		
			4.442		
		4.45			
		4.46	4.461 (89)	4.4611 (90/e55/s34)	
			4.462		
			4.463		
			4.464		
			4.465		
			4.466	4.4661 (91/e56/s35)	
4.5		4.51 (92/e57)			
		4.52			
		4.53			
5	—	5.01 (93/e58)			
		5.02			
	5.1 (94)	—	5.101 (95/e59/s36)		
		5.11 (96)			
		5.12	5.121 (97)		
			5.122		
			5.123		
			5.124	5.1241 (98/e60/s37)	
		5.13	5.131 (99)	5.1311 (100/e61/s38)	
			5.132		

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M	I	II	III	IV	V
			5.133		
			5.134		
			5.135		
			5.136	5.1361 (101/e62)	
				5.1362	
				5.1363	
		5.14	5.141 (102/e63)		
			5.142		
			5.143		
		5.15	5.151 (103)	5.1511 (104/e64/s39)	
			5.152		
			5.153		
			5.154		
			5.155		
			5.156		
5.2		5.21 (105)			
		5.22			
		5.23	5.231 (106)		
			5.232		
			5.233		
			5.234	5.2341 (107/e65/s40)	
		5.24	5.241 (108/e66)		
			5.242		
		5.25	5.251 (109)		
			5.252	5.2521 (110/e67)	
				5.2522	
				5.2523	
			5.253		
			5.254		
5.3		5.31 (111/e68)			
		5.32			
5.4		5.41 (112)			
		5.42			
		5.43			
		5.44	5.441 (113/e69)		
			5.442		
		5.45	5.451 (114)		
			5.452		
			5.453		
			5.454	5.4541 (115/e70/s41)	
		5.46	5.461 (116/s42)	5.4611 (117/e71/s43)	
		5.47	5.471 (118)	5.4711 (119/e72/s44)	
			5.472		
			5.473	5.4731 (120)	
				5.4732	5.47321
					(121/e73/s45)
				5.4733	
			5.474		
			5.475		
			5.476		
5.5		—	5.501 (122/e74)		

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M	I	II	III	IV	V
			5.502		
			5.503		
		5.51 (123)	5.511 (124)		
			5.512		
			5.513		
			5.514		
			5.515	5.5151 (125/e75/s46)	
		5.52	5.521 (126)		
			5.522		
			5.523		
			5.524		
			5.525		
			5.526	5.5261 (127/e76)	
				5.5262	
		5.53	—	5.5301 (128/e77)	
				5.5302	
				5.5303	
			5.531 (129)		
			5.532	5.5321 (130/e78/s47)	
			5.533		
			5.534		
			5.535	5.5351 (131/e79)	
				5.5352	
		5.54	5.541 (132)		
			5.542	5.5421 (133/e80)	
				5.5422	
				5.5423	
		5.55	5.551 (134)		
			5.552	5.5521 (135/e81/s48)	
			5.553		
			5.554	5.5541 (136/e82)	
				5.5542	
			5.555		
			5.556	5.5561 (137/e83)	
				5.5562	
				5.5563	
			5.557	5.5571 (138/e84/s49)	
5.6		5.61 (139)			
		5.62	5.621 (140/e85/s50)		
		5.63	5.631 (141)		
			5.632		
			5.633	5.6331 (142/e86/s51)	
			5.634		
		5.64	5.641 (143/e87/s52)		
6	—	—	6.001 (144/e88)		
			6.002		
		6.01 (145)			
		6.02	6.021 (146/e89)		
			6.022		
		6.03	6.031 (147/e90/s53)		

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M	I	II	III	IV	V
6.1	(148)	6.11 (149)	6.111 (150/e91) 6.112 6.113		
		6.12	—	6.1201 (151/e92) 6.1202 6.1203	
			6.121 (152) 6.122	6.1221 (153/e93) 6.1222 6.1223 6.1224	
			6.123	6.1231 (154/e94) 6.1232 6.1233	
			6.124 6.125 6.126	6.1251 (155/e95/s54) 6.1261 (156/e96) 6.1262 6.1263 6.1264 6.1265	
			6.127	6.1271 (157/e97/s55)	
6.2		6.13 6.21 (158) 6.22 6.23	6.211 (159/e98/s56)		
			6.231 (160) 6.232	6.2321 (161/e99) 6.2322 6.2323	
			6.233 6.234	6.2331 (162/e100/s57) 6.2341 (163/e101/s58)	
6.3		6.24 6.31 (165) 6.32 6.33 6.34	6.241 (164/e102/s59) 6.321 (166/s60)	6.3211 (167/e103/s61)	
			6.341 (168) 6.342 6.343	6.3431 (169/e104) 6.3432	
		6.35 6.36	6.361 (170)	6.3611 (171/s62)	6.36111 (172/e105/s63)
			6.362 6.363	6.3631 (173/s64)	6.36311 (174/e106/s65)
		6.37	6.371 (175) 6.372 6.373 6.374 6.375	6.3751 (176/e107/s66)	
6.4		6.41 (177)			

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M	I	II	III	IV	V
		6.42	6.421 (178/e108)		
			6.422		
			6.423		
		6.43	6.431 (179)	6.4311 (180/e109)	
				6.4312	
			6.432	6.4321 (181/e110/s67)	
		6.44			
		6.45			
6.5		6.51 (182)			
		6.52	6.521 (183/e111)		
			6.522		
		6.53			
		6.54			
7					

Table 2.6: 183 pages

3 Cross references between remarks

The *Tractatus* contains only two remarks with explicit cross references: In 5.151 Wittgenstein refers back to 5.101 (list of all two-placed truth-functions) and in 5.31 refers back to 4.31 (number of rows in a truth-table) and 4.442 (truth-table material conditional). However, the text contains a lot of implicit cross references in the form of anaphoric pronouns, demonstratives and so on. In [Table 3.1](#) I list and classify all these cross references within the *Tractatus*. I have included all remarks containing (at least) one of the following types of expressions:

- **Anaphoric pronouns** that refer to a preceding remark: “sie”, “es” etc.
- **Indexicals** that refer to the current point in the dialectic/line of thought: “hier”, “jetzt”, “nun” etc.
- **Demonstratives** that refer to something mentioned in another remark: “dies” etc.
- **(Pronominal) Adverbs** that pick up something mentioned earlier: “daraus”, “damit” etc.
- **Example phrases:** Phrases that introduce an example of something discussed in another remark: “z. B.”, “analog” etc.
- **Inferential particles:** “also”, “daher”, “nämlich”, “denn” etc.
- **Contrastive particles** that are used to contrast a remark with a preceding one: “aber” etc.

In the column “classification” I note which remark is being referred to and in the column “note” the options are:

- **sequential** – remarks that are at least consistent with the sequential reading
- **unspecific** – some cross reference don’t refer to a specific remark, but to the larger context, or so I argue.
- **★** – controversial cases or of special interest (but I also indicate my favourite interpretation)

#	TLP	Quotation	Classification	Note
1	2.0212	“Es wäre dann [= wenn die Welt keine Substanz hätte] unmöglich [...]”	adverb, immediate, same level (2.0211)	sequential
2	2.023	“Diese feste Form [die die gedachte Welt mit der wirklichen gemein haben muss] besteht [...]”	demonstrative, immediate, same level (2.022)	sequential
3	2.025	“Sie [= die Substanz] ist [...]”	pronoun, immediate, same level (2.024)	sequential
4	2.1512	“Es [= das Bild] ist [...]”	pronoun, immediate, same level (2.1511)	sequential
5	2.1513	“Nach dieser Auffassung [= der Bildtheorie] gehört also [...]”	demonstrative, unspecific (refers to general context, draws on resources outside the branch leading to it)	unspecific
6	2.1515	“Diese Zuordnungen [von Elementen des Bildes zu Sachen] sind [...]”	demonstrative, immediate, same level (2.1514)	sequential
7	2.172/ 2.174	“Seine Form der Abbildung aber [anders als das Abgebildete] kann das Bild nicht abbilden [...]” “Das Bild kann [ein Objekt von außerhalb darstellen,] sich aber nicht außerhalb seiner Form der Darstellung stellen.”	contrastive, immediate, same level (2.171 and 2.173)	sequential
8	3.201	“Diese Elemente [des Satzzeichens] nenne ich [...]”	demonstrative, immediate, higher level (3.2)	sequential
9	3.312	“Er [= der Ausdruck] wird also [...]”	pronoun, immediate, same level (3.311)	sequential
10	3.313	“Der Ausdruck wird also [...]”	inferential, immediate, same level (3.312)	sequential
11	3.321	“Zwei verschiedene Symbole können also das Zeichen [...] gemeinsam haben [...]”	inferential, immediate, higher level (3.32)	sequential
12	3.324	“So [= auf die gerade eben beschriebene Weise] entstehen [...]”	demonstrative, immediate, same level (3.323)	sequential

Continued on next page

#	TLP	Quotation	Classification	Note
13	3.325	“Um diesen Irrtümern [= den fundamentalsten Verwechslungen (deren die ganze Philosophie voll ist)] zu entgehen [...]”	demonstrative, immediate, same level (3.324)	sequential
14	3.331	“Von dieser Bemerkung [= 3.33] sehen wir [...]”	demonstrative, immediate, higher level (3.33)	sequential
15	3.3441	“Man kann z. B. [...]”	example, immediate, higher level (3.344)	sequential
16	4.02	“Dies [= das Wesen des Satzes] sehen wir daraus, daß [...]”	demonstrative, disputed : <i>either</i> mediate, same level (4.01, then role of 4.021 is puzzling) <i>or</i> immediate, lower level (4.016, then what precisely “dies” refers to is debatable, my proposal is the words at the beginning: “das Wesen des Satzes”), also sometimes suspected to be a numbering mistake (Favrholdt)	sequential ★
17	4.0411	“Wollten wir z. B. [...]”	example, immediate, higher level (4.041) – cf. Kremer 1992 for this interpretation and de Laguna 1924 against it	sequential
18	4.0412	“Aus demselben Grunde [...]”	demonstrative, immediate, series of same and higher level remarks (4.04, 4.041, 4.0411) – 4.0412 comments on the series of remarks immediately preceding it	sequential
19	4.114/ 4.115	“Sie [= die Philosophie] [...]”	pronoun, immediate, same level (4.113)	sequential
20	4.1211	“So [= z. B.] zeigt ein Satz [...]”	example, immediate, higher level (4.121)	sequential
21	4.1213	“Jetzt verstehen wir auch [...]”	indexical, immediate, same level – could also be taken to refer to the sequence of its three immediate predecessors (4.121, 4.1211, 4.1212)	sequential
22	4.1251	“Hier erledigt sich nun [...]”	indexical, immediate, higher level (4.125)	sequential

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#	TLP	Quotation	Classification	Note
23	4.1272	“So [= ein Beispiel dafür, dass jede Variable das Zeichen eines formalen Begriffs ist] ist der variable Name [...]”	example, immediate, same level (4.1271) – note that “so” refers to the <i>first</i> of two sentences in 4.1271	sequential
24	4.242	“Ausdrücke von der Form ‘ $a = b$ ’ sind also nur Behelfe der Darstellung [...]”	inferential, immediate, same level (4.241)	sequential
25	4.28	“Diesen Kombinationen [des Bestehens und Nichtbestehens von n <i>Sachverhalten</i>] entsprechen [...]”	demonstrative, immediate, same level (4.27)	sequential
26	4.442	“Es ist z. B. [...]”	example, immediate, same level (4.441)	sequential
27	4.4611	“Tautologie und Kontradiktion sind [sinnlos] aber nicht unsinnig”	contrastive, immediate, higher level (4.461)	sequential
28	4.5	“Nun scheint es möglich zu sein [...]”	indexical, unspecific (refers to general context, draws on resources outside the branch leading to it) – disputed by Hacker	unspecific ★
29	5.12	“Insbesondere folgt [...]”	example, immediate, same level (5.11)	sequential
30	5.156	“So [= auf diese Weise] ist die Wahrscheinlichkeit [...]”	demonstrative, immediate, same level (5.155)	sequential
31	5.21	“Wir können diese interne Beziehungen [= in denen die Strukturen der Sätze stehen] [...]”	demonstrative, immediate, higher level (5.2)	sequential
32	5.231	“Und das [= aus einem Satz einen anderen machen] wird natürlich von ihren [= einer Operation] [...]”	pronoun, immediate, higher level (5.33)	sequential
33	5.252	“Nur so [= dadurch, dass das Resultat einer Operation ihre eigene Basis werden kann] ist das Fortschreiten [...]”	example, immediate, same level (5.251)	sequential
34	5.2522	“Das allgemeine Glied einer Formenreihe a , $O'a$, $O'O'a$, schreibe ich daher so: [...]”	inferential, immediate, same level (5.2521)	sequential

Continued on next page

#	TLP	Quotation	Classification	Note
35	5.41	“Denn: [...]”	inferential, immediate, higher level (5.4)	sequential
36	5.4	“Hier zeigt es sich [...]”	indexical, unspecific (refers to general context, draws on resources outside the branch leading to it) – disputed by Hacker	unspecific ★
37	5.441	“Dieses Verschwinden der scheinbaren logischen Konstanten [...]”	demonstrative, immediate, higher level (5.44)	sequential
38	5.531/ 5.532/ 5.5321/ 5.533/ 5.534	“Ich schreibe also [...] Und analog: [...] Statt [...] schreiben wir also z. B. [...] Das Gleichheitszeichen ist also [...] Und nun sehen wir [...]”	inferential/indexical, special case – the last “nun” refers to the whole sequence including a <i>lower</i> level remark	sequential ★
39	5.535	“Damit [dass ein Gegenstand genau einen Namen hat] erledigen sich alle Probleme, die an solche Scheinsätze [wie sie in 5.534 aufgelistet sind] geknüpft waren.”	adverb/demonstrative, immediate, same level (“damit” and “solche” refer both to 5.534)	sequential
40	5.5352	“Ebenso [= so wie Russell ‘ p ist ein Satz’ durch ‘ $p \supset p$ ’ ausdrücken wollte] wollte man [...]”	example, immediate, same level (5.5351)	sequential
41	5.542	“Es ist aber [anders als in 5.541 unterstellt] klar, dass [...]”	contrastive, immediate, same level (5.541)	sequential
42	5.5421	“Dies [= dass ‘S glaubt, dass p ’ keine Relation zwischen Gegenständen und Tatsachen ist] zeigt auch [...]”	demonstrative, immediate, higher level (5.542)	sequential
43	5.55	“Wir müssen nun die Frage [...]”	indexical, unspecific (refers to general context, draws on resources outside the branch leading to it, also indicates change of topic)	unspecific ★
44	5.5521	“Und wenn dies [dass die Logik vor der Erfahrung kommt] nicht so wäre, [...]”	demonstrative, immediate, higher level (5.552)	sequential

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#	TLP	Quotation	Classification	Note
45	5.5542	“Dürfen wir denn überhaupt so [z. B. ob ich in die Lage kommen kann ...] fragen?”	demonstrative, immediate, same level (“so fragen” refers to the whether-question in 5.5541)	sequential
46	5.62	“Diese Bemerkung [= der letzte Satz von 5.61] gibt den Schlüssel zur Entscheidung der Frage, inwieweit der Solipsismus eine Wahrheit ist. [...]”	demonstrative, immediate, same level (last sentence of 5.61) – but in PT 5.62 follows immediately after 5.6, not 5.61	sequential ★
47	5.6331	“Das Gesichtsfeld hat nämlich [...]”	inferential, immediate, higher level (5.633)	sequential
48	5.634	“Das [= was?] hängt damit zusammen, daß kein Teil unserer Erfahrung auch apriori ist. [...]”	demonstrative, disputed: <i>either</i> mediate, same level (5.633) (nothing about the visual field points to an eye) <i>or</i> immediate, lower level (5.6331) (the eye is neither in nor next to the visual field)	} ★
49	5.64	“Hier [= wo?] sieht man, daß der Solipsismus streng durchgeführt, mit dem reinen Realismus zusammenfällt. [...]”	indexical, disputed: <i>either</i> reference to 5.634 <i>or</i> unspecific reference to the 5.63-series or even the whole 5.6-series	
50	5.641	“Es gibt also [...]”	inferential, immediate, higher level (5.64)	sequential
51	6.001	“Dies [= dass die allgemeine Form der Wahrheitsfunktion ... ist] sagt nichts anderes [...]”	demonstrative, immediate, higher level (6)	sequential
52	6.01	“Die allgemeine Form der Operation $\Omega'(\bar{\eta})$ ist also [...]”	inferential, immediate, lower level (the ‘premise’ is 6.002, maybe together with 6)	sequential ★
53	6.11	“Die Sätze der Logik sagen also Nichts. [...]”	inferential, immediate, higher level (6.1)	sequential
54	6.1201	“Dass z. B. die Sätze [...]”	example, immediate, higher level	sequential
55	6.122	“Daraus [dass sie sich zu nichtssagenden Sätzen verbinden] ergibt sich, dass wir auch ohne die logischen Sätze auskommen können [...]”	inferential, immediate, same level (6.121)	sequential
56	6.1221	“Ergeben z. B. [...]”	example, immediate, higher level	sequential

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#	TLP	Quotation	Classification	Note
57	6.1222	“Dies [= dass wir auch ohne die logischen Sätze auskommen können] wirft ein Licht auf [...]”	demonstrative, mediate, higher-level (6.122) – “dies” refers to a claim made in a general way in 6.122 and with the help of an example in 6.1221	sequential, special case
58	6.1223/ 6.1224	“Nun wird klar [...]” “Es wird jetzt auch klar [...]”	indexical, immediate, same level	sequential
59	6.1251	“Darum kann es [...]”	inferential, immediate, higher level (6.125)	sequential
60	6.241	“So lautet der Beweis [...]”	example, immediate, higher level (6.24)	sequential
61	6.341	“Die Newtonsche Mechanik z. B. [...]”	example, immediate, higher level (6.34)	sequential
62	6.342	“Und nun sehen wir [...]”	indexical, unspecific (refers to general context, draws on resources outside the branch leading to it)	unspecific ★
63	6.3631	“Dieser Vorgang [= dass wir das einfachste Gesetz annehmen] hat aber [...]”	demonstrative, immediate, higher level (6.363)	sequential
64	6.372	“So bleiben sie [= die Anhänger der modernen Weltanschauung] bei den [...]”	example and pronoun, immediate, same level (6.371)	sequential
65	6.3751	“Daß z. B. [für logische Unmöglichkeit] zwei Farben [...]”	example, immediate, higher level (6.375)	sequential
66	6.42	“Darum kann es [...]”	inferential, immediate, same level (6.41)	sequential

Table 3.1: Cross references between remarks

4 Bibliography

4.1 *Tractatus*

Kevin Klement has prepared a synoptic edition presenting the German original and both English translations (Ogden/Ramsey, Pears/McGuinness) side by side:

- Klement's *Tractatus* Page: <http://people.umass.edu/klement/tlp/>

There are various hypertext versions of the *Tractatus* available on the internet. Here are some:

- Luciano Bazzocchi: German, Ogden/Ramsey, Italian
<http://www.bazzocchi.net/wittgenstein/index.htm>
- Pierre Bellon: German, Pears/McGuinness
<http://pbellon.github.io/tractatus-tree/#/>
- Jonathan Laventhol: German, Ogden/Ramsey (dates back to 1996)
<http://www.kfs.org/jonathan/witt/tlph.html>
- Michele Pasin: Tabbed version of Pears/McGuinness
<http://philosurfical.open.ac.uk/tractatus/tabs.html>
- Marcel Otto: German
<http://tractatus.net.tiddlyspot.com>
- Satoh Sin: Ogden/Ramsey, Pears/McGuinness, Japanese
http://tractatus-online.appspot.com/Tractatus_en.html
- David Stern: German, Ogden/Ramsey, Pears/McGuinness
<http://tractatus.lib.uiowa.edu>
- Jaap van der Does: German
<http://www.tractatus.nl>
- Damon Zucconi: Pears/McGuinness
<http://www.tractatuslogico-philosophicus.com/>

4.2 *Prototractatus*

The *Prototractatus* was first published as a book containing both facsimiles and a numerically ordered transcription:

- Wittgenstein, Ludwig: *Prototractatus*. Ed. by McGuinness, Nyberg and von Wright. London: Routledge and Kegan Paul, 1971.

The transcribed, numerically ordered version is also available in the critical edition of the German text:

- Wittgenstein, Ludwig (2001): *Logisch-philosophische Abhandlung/Tractatus logico-philosophicus. Kritische Edition*. Edited by McGuinness, Brian and Schulte, Joachim. 2nd ed., Frankfurt/M.: Suhrkamp.

Martin Pilch has made available the *Prototractatus* in various (transcribed, ordered, diplomatic etc.) versions:

- <http://www.wittgensteinsource.org>

4.3 Other primary sources

- Engelmann, Paul (1967): *Letters from Ludwig Wittgenstein. With a Memoir*. Edited by Brian McGuinness, translated by L. Furtmüller. Oxford: Blackwell.
- Tolstoy, Leo (1892): *Kurze Darlegung des Evangelium*. Leipzig: Reclam.
- von Ficker, Ludwig (1988): *Briefwechsel 1914–1925*. Edited by Zangerle, Ignaz; Methlagl, Walter; Seyr, Franz and Unterkircher, Anton. Innsbruck: Haymon.
- Wittgenstein, Ludwig (1973): *Letters to C. K. Ogden*. Oxford: Blackwell and London: Routledge & Kegan Paul.
- Wittgenstein, Ludwig (1980): *Briefe. Briefwechsel mit B. Russell, G. E. Moore, J. M. Eccles, P. Engelmann und L. von Ficker*. Edited by McGuinness, Brian and von Wright, Georg Henrik. English letters translated by Schulte, Joachim. Frankfurt/M.: Suhrkamp.

4.4 Secondary sources

- Bazzocchi, Luciano (2010a): “Contro l’interpretazione acrobatica della scala di Wittgenstein”, in: *Epistemologia* 33: 171–205.
- Bazzocchi, Luciano (2010b): “The ‘Protractatus’ Manuscript and Its Corrections”, in: Venturinha, Nuno (ed.): *Wittgenstein After His Nachlass*. Basingstoke: Macmillan, 11–29.
- Bazzocchi, Luciano (2010c): “Trees, Levels and Ladders”, in: Munz, Volker; Puhl, Klaus; Wang, Joseph (eds.): *Language and World. Part One: Essays on the Philosophy of Wittgenstein*, Frankfurt/M.: Ontos, 329–341.

- Bazzocchi, Luciano (2013): “... (The Tractatus too is boring.) It is even mistaken’. The Grammatical Error of Cora Diamond”, in: Moyal-Sharrock, Danièle; Munz, Volker and Coliva, Annalisa (eds.): *Mind, Language and Action. Papers of the 36th International Wittgenstein Symposium*. Kirchberg am Wechsel: ALWS, 39–41.
- Bazzocchi, Luciano (2014a): “A Significant ‘False Perception’ of Wittgenstein’s Draft on Mind’s Eye”, in: *Acta Analytica* 29: 255–266.
- Bazzocchi, Luciano (2014b): *The Tractatus According to Its Own Form. Supplements and Other Shavings*. Raleigh: Lulu.
- Bazzocchi, Luciano (2015): “A Better Appraisal of Wittgenstein’s *Tractatus* Manuscript”, in: *Philosophical Investigations* 38: 333–359.
- Black, Max (1964): *A Companion to Wittgenstein’s “Tractatus”*. Cambridge: CUP.
- Brockhaus, Richard (1991): *Pulling up the ladder*. La Salle/IL: Open Court. (here: pp. 26–27)
- de Laguna, Theodore (1924): Review of Wittgenstein 1922, in: *Philosophical Review* 33: 103–109.
- Dietrich, Rolf-Albert (1973): *Sprache und Wirklichkeit in Wittgensteins Tractatus*. Tübingen: Niemeyer.
- Drury, Maurice O’Connor (1984): “Conversations with Wittgenstein”, in: Rhees, Rush (ed.): *Recollections of Wittgenstein*. Revised ed., New York: OUP, 97–171.
- Favrholdt, David (1964): *An Interpretation and Critique of Wittgenstein’s Tractatus*. Copenhagen: Munksgaard.
- Finch, Henry Le Roy (1971): *Wittgenstein – The Early Philosophy. An Exposition of the “Tractatus”*. New York: Humanities.
- Frascolla, Pasquale (2007): *Understanding Wittgenstein’s Tractatus*. London: Routledge.
- Gibson, Kevin (1996): “Is the Numbering System in Wittgenstein’s *Tractatus* a Joke?”, in: *Journal of Philosophical Research* 21: 139–148.
- Hacker, Peter (2015): “How the *Tractatus* Was Meant to Be Read”, in: *Philosophical Quarterly* 65: 648–668.
- Kremer, Michael (1992): “The Multiplicity of General Propositions”, in: *Noûs* 26: 409–426.
- Kuusela, Oskari (2015): “The Tree and the Net: Reading the *Tractatus* Two-dimensionally”, in: *Rivista di Storia della Filosofia* (journal does not use volume numbers): 229–232.
- Lange, Ernst Michael (1989): *Wittgenstein und Schopenhauer. Logisch-philosophische Abhandlung und Kritik des Solipsismus*. Cuxhaven: Junghans.
- Lange, Ernst Michael (1996): *Ludwig Wittgenstein: “Logisch-philosophische Abhandlung”. Ein einführender Kommentar in den “Tractatus”*. Paderborn: Schöningh/utb.
- Ludwig, Jan (1975): “Zero-Remarks and the Numbering System of the Tractatus”, in: *Journal of Critical Analysis* 6: 21–29.
- Mayer, Verena (1993): “The Numbering System of the *Tractatus*”, in: *Ratio* 6: 108–120.
- McGuinness, Brian (1988): *Wittgenstein. A Life. Young Ludwig 1889–1921*. London: Penguin.
- Moore, George Edward (1954): “Wittgenstein’s Lectures in 1930–33” (Part I), in: *Mind* 63: 1–15.
- Morris, Michael (2008): *Routledge Philosophy GuideBook to Wittgenstein and the Tractatus Logico-Philosophicus*. London: Routledge.

- Perloff, Marjorie (1996): *Wittgenstein's Ladder. Poetic Language and the Strangeness of the Ordinary*. Chicago: UCP. (here: 41–48)
- Pilch, Martin (2015): “A Missing Folio at the Beginning of Wittgenstein's MS 104”, in: *Nordic Wittgenstein Review* 4: 65–97.
- Potter, Michael (2013): “Wittgenstein's Pre-*Tractatus* Manuscripts: A New Appraisal”, in: Sullivan, Peter and Potter, Michael (eds.): *Wittgenstein's Tractatus. History and Interpretation*. Oxford: OUP, 13–39.
- Proops, Ian (2000): *Logic and Language in Wittgenstein's Tractatus*. New York: Garland.
- Ramsey, Frank Plumpton (1923): Critical Notice of Wittgenstein 1922, in: *Mind* 32: 465–478.
- Scheier, Claus-Artur (1988): “Zur Struktur von Wittgensteins Logisch-philosophischer Abhandlung”, in: Weinberger, Ota; Koller, Peter and Schramm, Alfred (ed.): *Philosophy of Law, Politics and Society. Papers of the 12th International Wittgenstein Symposium.*, Wien: HPT, 410–412. Reprinted in Scheier 1991: 48–54.
- Scheier, Claus-Artur (1991): *Wittgensteins Kristall. Ein Satzkomentar zur “Logisch-Philosophischen Abhandlung”*. Freiburg: Alber.
- Schroeder, Severin (2006): *Wittgenstein. The Way Out of the Fly-bottle*. Cambridge: Polity.
- Schulte, Joachim (1989): *Wittgenstein. Eine Einführung*. Stuttgart: Reclam. (here: 57 f.)
- Shwayder, David: *Wittgenstein's Tractatus. A Historical and Critical Commentary*. D.Phil. thesis, Oxford 1954.
- Stenius, Erik (1960): *Wittgenstein's Tractatus. A Critical Exposition of Its Main Lines of Thought*. Oxford: Blackwell.
- Tetens, Holm (2009): *Wittgensteins “Tractatus”. Ein Kommentar*. Stuttgart: Reclam. (here: 8)
- Westergaard, Peter Kurt (2009): “A Note on Wittgenstein's *Tractatus* and Tolstoy's *Gospel in Brief*”, in: Munz, Volker; Puhl, Klaus and Wang, Joseph (eds.): *Language and World. Papers of the 32nd International Wittgenstein Symposium*. Kirchberg am Wechsel: ALWS, 456–458.
- White, Roger (2006): *Wittgenstein's Tractatus Logico-Philosophicus. Reader's Guide*. London: Continuum.