Philosophy Notebook:

"Max IV"

May 1941-April 1942

ca. 1./Mai 1941 — ca. 30. April 42

Max IV

030090

Max [illegible] 1.) [illegible] ([illegible])
2.) [illegible] [illegible]
[illegible]

p 247. [illegible]

Mt. Ash Inn	p 167–190
[illegible] Phil.	p 239
– März 42	p 243–58 Brouwer [illegible]
Phil. d. Princ.	p 270
	[illegible] ca. Apr. 42

Theol, Phil, Psych [illegible]

[illegible] ? ([illegible]) [illegible] psych. [illegible]

153

Bem (Grundl.) [illegible] 2+2 [illegible]

(4 : [illegible] 2+2>3 [illegible] 4>3

[illegible] (Add.) [illegible]

[illegible] 2+2 [illegible]

Russell [illegible]

[illegible]

[illegible]: $(x)(x \varepsilon M \rightarrow (\exists! y)\, y R x)$

$\rightarrow (\exists f)(x)[x \varepsilon M \rightarrow f(x) R x]$ [illegible] M

[illegible]

[illegible] x [illegible] M [illegible] R

[illegible]

Df: [illegible] Subst(φ [illegible]) [illegible] φ

154

Bem (Grundl) [illegible] int. [illegible] 2 [illegible]

[illegible] x 1.) [illegible]

2.) [illegible]

[[illegible] (Brouwer) [illegible] ind. Df.

([illegible])] vgl. p 219.

[illegible] 2 → 1 [illegible]

int Math. – [illegible] Df: [illegible]

[illegible]

[illegible]

[illegible] x – [illegible] Df. [illegible]

[illegible] –[?]

[illegible] ?]

Bem (Grundl) Imprä(d). [illegible] Brouwer

1.) [illegible]

2.) Df. [illegible] ([illegible]

[illegible])

→ [illegible] impräd. [illegible]

Bem (Grundl.) [illegible] (Antin Chwistek [illegible]) [illegible] .10 [illegible] : a&b) [illegible] b d a [illegible]

Bem (Grundl.) [illegible] synthet. [illegible]

Bem (Grundl.) [illegible] f(x y z) [illegible] A

Bem (Grundl.) [illegible]

Bem (Phil) [illegible] (synthet) [illegible] aesthetisch [illegible] ?

Bem (Theol.) [illegible] filii diab, viri, femi, [illegible] (vgl. Psalm 10)

Max [illegible]

1.) [illegible] [illegible] 2 [illegible]]

2.) [illegible] [illegible]] [illegible] [illegible] I. [illegible] II. [illegible]

3.) [illegible] [illegible] Shelver 100 [illegible]] [illegible]

[shorthand]

Bem (Max) [shorthand] (Theol) [shorthand] 100 ([shorthand] publiz. [shorthand] Bernays [shorthand]) [shorthand] [[shorthand]] [shorthand] [[shorthand] 100 [shorthand]]

[shorthand]

Bem (Max) [shorthand] ([shorthand]) [shorthand] – ([shorthand] Max [shorthand] 100 [shorthand])

Bem (Max) [shorthand]

[shorthand] ([shorthand] 100 [shorthand]) [shorthand] 1. [shorthand] 2. [shorthand])

Bem (Grundl.) [shorthand] :

[shorthand] succ. [shorthand] ([shorthand]) [shorthand] ([shorthand] Most. [shorthand])

Bem (Max) [shorthand] Intensit [shorthand] * [[shorthand]] – [shorthand]

---

* [shorthand]

[illegible]

Max [illegible]

[illegible]

(Max)
Bem [illegible]:

I B (1. [illegible] New York [illegible]
1'. [illegible]

E. 2. [illegible]

D. 3. [illegible]

A. 4. [illegible]

C. 5. [illegible]

II ([illegible]) 1. [illegible] 2. [illegible] New York
3. [illegible] 4. [illegible]
5. [illegible] 6. [illegible]
7. [illegible] 8. [illegible]
9. [illegible] 10. [illegible]
11. [illegible] 12. [illegible]

Max [illegible] ([illegible] New York [illegible])
[illegible]
(2.) [illegible] 160 [illegible]

Bem (Gr) [illegible]

[illegible]

Max [illegible] = fun = [illegible]

Bem (Max) [illegible] (Thomas, Fries) [illegible]

[illegible]

Bem (Grundl) [illegible] Russell [illegible] Vicious circle principle [illegible]

[illegible]

Bem (Grundl) [illegible] Klam [illegible] Arist [illegible]

$p.q \rightarrow p.q$, $p.q \rightarrow p$, $p \rightarrow p \vee q$

[illegible]

[illegible] Q [illegible] P [illegible] $P \supset Q$

([illegible])

Bem (Grundl.) [illegible] $(x)\, A(x) \supset B(x)$

[illegible] A [illegible] B [illegible]

[illegible] $(x)[A_i(x) \supset B_i(x)]$ [illegible] A [illegible] B [illegible]

Bem (Phil) [illegible] size [illegible]

[illegible] size [illegible] [[illegible] size [illegible] size [illegible]]

[illegible]

[illegible] = [illegible]* + [illegible]

Bem (Phil) [illegible] Disk: [illegible]

[illegible] ([illegible])

---

* [illegible]

Bem (Grundl) [illegible]

[illegible]

$(x)\ \varphi(x) \supset \psi(x)$ [illegible]

[illegible]*

[illegible]

[illegible]

[illegible]

(Leibniz, Hilbert)

Bem (Grundl) [illegible]

[illegible] Extrem [illegible]

[illegible]

* [illegible] (= [illegible])

[illegible] „[illegible]" [illegible]

[illegible] in nuce [illegible]

„[illegible]" [illegible]

[illegible]

[illegible] ([illegible] Analyticität [illegible]) [illegible]

[illegible]

[illegible]

[illegible]: [illegible] $\int e^x, \sin x$ [illegible]

[illegible]

Bem (Phil) [illegible] Plato,

Aristot, Thomas, Descartes, Leibniz,

Locke, Kant, Hegel, Plotin

(Lit. 2 [illegible] Gomperz)

165

Bem (Phil) [illegible] Schopenh. [illegible]

[illegible]

[illegible] (iniquitas [illegible]) [illegible]

[illegible]

Bem [illegible]

1.) Successive Approx. [illegible]

2.) [illegible]

3.) [illegible] „statistisch"

5.) [illegible] Existenz [illegible]

6.) [illegible] Approx. [illegible]

7.) [illegible]
[[illegible] Gauss [illegible] Lemma [illegible]]

[illegible] Analysis [illegible]

Bem [illegible] Intuition [illegible]

[illegible] Int. [illegible] Int. [illegible]

[illegible] Int. [illegible] (Jordan [illegible])

2.) [illegible] ([illegible] Analogisierung) [illegible] Homomorphismus)

3.) [illegible] Differenzierbarkeit [illegible] stat. [illegible]

[illegible] Primzahl[illegible]

Mt. Ash. Inn [illegible] ca. 1./VII. 1941

Bem (Phil) [illegible]

[illegible] Aspekt [illegible]

[illegible]

Bem (Phil) [illegible]

[illegible] (… Subj [illegible]

[illegible] Aspekte [illegible]

[illegible] * [illegible]

[illegible]

Bem (Phil) [illegible] Aspekte

[illegible]

[illegible] Asp. [illegible]

[illegible] Aspekt [illegible]

* [illegible]

Bem (Phil) [illegible] 2 Aspekte [illegible] Aristot. [illegible] veg. sens. [illegible] Asp [illegible] sensit. [illegible] veg. [illegible] sens. [illegible] veg. u. sens. [illegible] homomorph [illegible] [13 Asp. [illegible]]

Bem (Phil) [illegible] (Substanz) [illegible] [illegible] (a) [illegible] φ(a) [illegible]

[illegible] Substanz [illegible] Existenz [illegible]

[illegible] (Substanz) [illegible] (= analyt.) [illegible] synthet. [illegible] accidentell [illegible]

Subst. u. Accidenz [illegible] synthet. [illegible] ([illegible] Subst?) [illegible]

«Sokrates [illegible]» [illegible] analyt. [illegible] «[illegible] Sokrates» [illegible] «[illegible] Sokr. [illegible]» [illegible] [[illegible], Sokr., [illegible]] [illegible] substanz [illegible]

[illegible]: e int. [illegible] (β) A^2 [illegible] Sokrates

[illegible] subst.

[illegible]

[illegible] Korrelat [illegible]

[illegible]

[illegible] vgl. p 321

Bem (Phil) [illegible]

1) [illegible] 2) [illegible]

[illegible]

[illegible]

[illegible] [[illegible]] [illegible]

Bem (Phil) [illegible]

[illegible]

2/

Bem (Phil) [illegible] actus + [illegible]

[illegible] [[illegible] Habitus, [illegible]

Substanz] [illegible]

Bem (Phil) [illegible]

[illegible] [[illegible]]

[illegible]

[illegible] expl. [illegible]

[illegible] *

Bem (Phil) [illegible]

[illegible]

Bem (Phil) [illegible] 4 [illegible]:

* [illegible]

[illegible]

Bem (Phil) [illegible] intens Obj [illegible] (Präm [illegible]) [illegible] Prämissen [illegible] [illegible] * [illegible] „subj." [illegible]

Em (Phil) [illegible] At. [illegible] (vgl. p 322 [illegible])

Bem (Phil) [illegible] „hat"

[illegible] | * [illegible]

Bem (Phil) [illegible] bzg. inventiva (= [illegible] = bzg. anal) [illegible] Genus u. Species [illegible] Species [illegible] prinzip. [illegible] :

| 0 [illegible] | 1 synth. [illegible] | 2 [illegible] | 3

[illegible] 2. [illegible] 1. [illegible]]
vgl. [illegible] Bem.

Bem (Grundl) [illegible] „subj.*" [illegible]

obj. gleich — obj. versch.

Symb. gleich

extens. gleich

| * [illegible]

[illegible] [[illegible]] [illegible] approxim [illegible] ext. [illegible]

Bem (Phil) [illegible] ([illegible]) [illegible] principe [illegible] ([illegible] [[illegible]] [illegible])

vgl. p 178

Bem (Grundl.) [illegible] : [illegible] A.3 [illegible] psychol. [illegible]

[illegible]

Bem (Phil) [illegible] ([illegible]) [illegible]

Bem (Phil) [illegible] ([illegible]) [illegible] [[illegible]] [illegible] [[illegible]] [illegible]

[illegible]

[illegible]

[illegible]

[illegible] [[illegible]

[illegible] 2 [illegible] 1] vgl. p320 ff.

Bem (Phil) [illegible] ([illegible]) [illegible]

[illegible] [[illegible]] [illegible]

[illegible]

[illegible] „[illegible]" [illegible]

([illegible]

+ vgl. p.178 v

[illegible]) [illegible]

[illegible]

* [illegible] „metaphysische" Prop. A : B = c : d

[illegible] Isomorphismus [illegible] „[illegible]" [illegible] „[illegible]"

\+ [illegible] Subj [illegible] [[illegible] Subjecte]

[illegible]

Bem (Phil) [illegible]

[illegible] ([illegible]) [illegible]

[illegible] „[illegible]" [illegible] „[illegible]"

[illegible] „[illegible]"

[illegible]

[illegible] (vgl. spirit. [illegible]

[illegible] ([illegible]) [illegible] „[illegible]"

[illegible] „[illegible]" [illegible] ([illegible]) - [illegible]

Bem (Phil) [illegible]

[illegible]

[illegible] Texte.

[illegible] ([illegible])

* [illegible] etc.

Bem (Phil) [illegible] [er „verbum"] –

[illegible] Substantiv [illegible]

[illegible] Adj

[illegible] Präp. [illegible] (resp [illegible]

[illegible] Präp.

[illegible] (Dit) [illegible] aRb

([illegible] R [illegible]) [illegible]

[illegible] â(aRb) [„[illegible]"*]

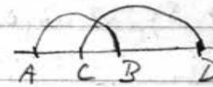
Bem (Grundl) [illegible]

[illegible] mat. prima [illegible]

[illegible] int. [illegible]

* [illegible] „[illegible]"

[illegible] [vgl. [illegible]

AB, CD [illegible] 

]

[illegible]

[illegible] (...) [illegible]

[illegible] *

[illegible] (...) [illegible]

Bem (Grundl) [illegible]

[illegible] „[illegible]" [Subst. [illegible] ×]

Bem (Grundl) [illegible]

Russell [illegible] „ist" [illegible] „nicht" [illegible]

[illegible] Kaufmann [illegible] „[illegible]"

* [illegible] „[illegible]" [illegible]

50 / 51

181

[illegible]

(p ⊃ p . q ⊃ q . p . q) –

Bem (Grundl) [illegible] int. [illegible]

[illegible] Tabl. [illegible]

[illegible] Approx [illegible] $F_n(ab)$ = Dist [illegible] a s b

[illegible] Approx $\frac{1}{n}$

Max [illegible]

Bem (Grundl) [illegible] Intuit. [illegible] vgl. + B. [illegible]

Informat. [illegible] etc – [illegible] int. [illegible]

Bem (Grundl) [illegible] Bew (2. [illegible])

– [illegible] Wahr? * – [illegible] !

Max [illegible]

* [illegible] vgl. Res. H. I.

183

[illegible]

Bem (Phil) [illegible] Prädikat [illegible]

Bem (Grundl.) [illegible] Abstraktion ([illegible] psychol [illegible])

Bem (Theol) [illegible] Akte [illegible] transzend [illegible] immanent [illegible] pragmat. [illegible]

[illegible] Immanenz [illegible] 3 : 2 = 2 : 1 ? [illegible] Passiones [illegible]

[illegible] vita contemplativa [illegible] vita action [illegible] „Psyche“ [illegible] vita contempl: [illegible]

185

Bem (Theol) [illegible] *

[illegible]

[illegible]

[illegible]

Bem (Theol) [illegible]

[illegible] ⊛

[illegible]

[illegible]

---

* [illegible] ⊛ [illegible]

[illegible]

Bem (Phil) [illegible] 1.) [illegible] 2.) [illegible]

3.) [illegible]

[illegible]

[illegible]

Bem (Grundl) [illegible]

[illegible] 1. [illegible]

2. [illegible]

[illegible] intens. [illegible]

[illegible]

[illegible] 1. [illegible] 2. [illegible]

[illegible] Chaos vgl p188 Mitte

[illegible]

187

Bem (Psychol) [illegible] * [illegible] Assoc.) [illegible] posit. [illegible] SIZE)

Bem (Grundl) [illegible] ([illegible] = [illegible]) [illegible]

Bem (Grundl). [illegible] int. [illegible] ([illegible]) [illegible]

* [illegible] ([illegible])

1.) [illegible] $(x)(\exists y)\, R(xy) \supset (\exists f)(x)\, R(x\, f(x))$

2.) $(a)\ \text{Bew}\ F(a) . \rightarrow \text{Bew}\ (x)\, F(x)$

3.) [illegible] ([illegible]) [illegible] [[illegible] intens. [illegible]]

Bem (Grundl) [illegible] [[illegible]] [illegible] = Extens. [illegible]

Bem (Grundl) 1.) [illegible] ?

2.) [illegible] SIZE [illegible] ?

[illegible]

189

Bem (Psych) [illegible]

[illegible]

Bem (Grundl) [illegible] „[illegible]" (ingquantum) [illegible]

[illegible] Brouwer

[illegible] Katg. [illegible]

Entit + [illegible]] [illegible]

[illegible] ingquantum

[illegible] ingquantum [illegible]

Bem (Psych) [illegible] 100 [illegible]

[illegible] * [illegible] physiology. Psych

[illegible] νοῦς ποιητικός [illegible]

[illegible]

[illegible])

Bem (Grundl) [illegible]

[illegible]

Mt. Ash. Inn [illegible] Aug. 1941

Bem (Grundl) [illegible]

[illegible] „[illegible]" [illegible] „[illegible]" [illegible]

[illegible]

[illegible] Fra [illegible]

[illegible] praed. Int. [illegible]

[illegible] ? [illegible]

[illegible])

* [illegible] Spiralen [illegible]

Bem Gutmann Deutsche Volksapotheke
1571, 1 Ave 82te Strasse Dr 8 1711
Gutmann Altflorin Reinigungsstelle
Möbelhaus Rex Jersey City

Bem (Hyg) [illegible] (Rekarintel) – [illegible]

Bem (Grundl) [illegible] $\imath x$ [illegible] Peano Formel.

I. [illegible]
(Russell) " " " b.) [illegible]

II. (Peano?) $\imath x$ [illegible]

a.) [illegible]

$E!(\imath x)$ [illegible] II-[illegible]
[[illegible], Riemann'sche integral. etc.]
[illegible] *

b.) [illegible] $\sim E!(\imath x)$: $(\imath x)$ [illegible]
$\sim$ [illegible] u [illegible] $u \sim \varepsilon N_0$ etc.
[illegible] $E!(\imath x)$ [illegible] $(\imath x)\varphi(x) \varepsilon N_0$
[illegible]

III. [illegible] $\varphi(x)$ [illegible] °[illegible] a postuliert
Peano [illegible] $(x)[\varphi(x) . \equiv . x = a]$ (Bew. $\varphi(a)$.
$(x)[\varphi(x) \supset x = a]$) [illegible]
[illegible] $y \neq y$ $s =$ [illegible] (Bew.
[illegible]) [illegible]
$E!(\imath x)$ [illegible] $(\imath x) \varepsilon N$ [illegible]
[illegible] $E\imath(\imath x \varphi(x))$ [illegible] $a \neq a$
[illegible] $a \sim \varepsilon(\iota a)$ [illegible] $\iota a = \Lambda$

---

* [illegible] $(\imath x)\varphi(x) \varepsilon N$ [illegible] $E\iota[(\imath x)\varphi(x)]$ [illegible] Peano

° Pseudoding

[illegible] Identität [illegible] $x=x$ [illegible] Pseudo[illegible] [illegible] „[illegible]“ [illegible] vgl. p. 213/211

Bem. (Grundl.) Konstruktionismus [illegible] $\varphi(x)$ [illegible] $\varphi(x)$ [[illegible] **Bem:** [illegible] $x=x$ [illegible] Identitäten [illegible] „[illegible]“ [illegible]] [illegible] x [illegible] $x=x$ [illegible]

Ident. [illegible] „[illegible]“ ($\sim(\exists x)\varphi(x)$) [illegible] (System, [illegible]) [illegible] Df. [illegible] * [illegible] imprädikativ [illegible] [Df. [illegible]] [illegible] $\sim\varphi(x)$ [illegible] ([illegible]) [illegible] (Df. [illegible]) [illegible]

* vgl. Peano's [illegible] $\sup(M)$: $M\in R$

[illegible] (Russell) [illegible]

[illegible]

Bem (Grundl) [illegible]

[illegible] (7x) [illegible]

[illegible] (Lebesgue) [illegible]

[illegible]

(2ω) [illegible] (vgl. Division)

Bem (Phil) [illegible] chaos [illegible]

[illegible]

[illegible]

Bem (Grundl) [illegible]

[illegible] φ(a) [illegible]

a * [illegible]

[illegible] 100 [illegible]

[illegible] a = .. [illegible]

[illegible] (7x) [illegible]

[illegible]

[illegible]

* vgl [illegible]

[illegible] (1020 [illegible]) [illegible]

[illegible] $\varphi(x)$ [illegible]

Bem (Grundl) [illegible] Theorien [illegible]

~~Theorien [illegible]~~ [illegible]

[illegible] x^n [illegible]

e^x ; α^ω .. ω^α ; [illegible] Lebesgue[illegible] Integr[illegible]

[illegible] Riemann[illegible] [illegible] Lebesgue[illegible] [illegible]

Peano[illegible] [[illegible] Polya [illegible]

[illegible]] – [illegible] Diagonalverf.

[illegible] Theorien [illegible]

[illegible] „[illegible]" [illegible]"

Probl [[illegible] Probl] [illegible]

[illegible] intensionalen [illegible]

[illegible]

extens. [illegible] – vgl. p 200 u p 230 [illegible]

Bem (Grundl) [illegible]

([illegible] Probl) [illegible]

ext. [illegible]

[illegible] vgl. p 215

Bem (Psych) [illegible]

[illegible]

[illegible] Phil) [illegible]

[illegible]

Bem (Phil) [illegible] Anatomie – Embryologie

Bem (Grundl) Forts. v. p 198 [illegible]

Import. [illegible]

Bem (Grundl) [illegible]

[illegible] (leg artis) [illegible]

[illegible] vgl.

201

z.B. [illegible] Potenz [illegible]

[illegible] intensionale [illegible]

[illegible]

metamathem. ([illegible])

Bem. (Grundl.) [illegible]

[illegible] Ax. [illegible]

[illegible] Extens.

u. Intuit. [illegible] in präd. Df. ([illegible])

[illegible]

Bem. (Grundl.) [illegible]

[illegible]

[illegible]

bicompact [illegible]

2.) [illegible] Baire [illegible]

[illegible]

Prod. [illegible]

[illegible] Baire [illegible]

[illegible]

[illegible]

Bem. (Grundl.) [illegible]

[illegible] Df. [illegible]

[illegible] Project.

Borel [illegible] Df. [illegible] Souslin

[illegible]

= Borelsch, [illegible] etc. [illegible] [shorthand] proj. [shorthand]?

Bem (Grundl) [shorthand] → [shorthand]

[shorthand] → [shorthand]

1 Aug. [shorthand]) [shorthand]

[shorthand] + [shorthand] (2 Peano [shorthand])

[shorthand]

Bem (Grundl) [shorthand] intuit. Analysis

([shorthand]) [shorthand]

[[shorthand]

[shorthand]]

Bem (Grundl) [shorthand] = [shorthand]

[shorthand]

x ≠ n [shorthand]*

[shorthand] ≠, [shorthand] etc. –

[shorthand]

[shorthand]) [shorthand] Approx. [shorthand]

[shorthand] Brouwerschen [shorthand]

Bem (Phil) [shorthand] ([shorthand]

[shorthand]) [shorthand]

[shorthand]) [shorthand]

([shorthand]) – [shorthand]

[shorthand]

---

* [shorthand]

[illegible] ([illegible]) [illegible]
[illegible] ([illegible]) [illegible]
[illegible] [([illegible] Empedocles [illegible]
[illegible]
[illegible]]
[illegible] Hierarchie [illegible]
[illegible]

Bem (Phil) [illegible]
[illegible]
[illegible]

× [illegible]

[illegible]

[illegible] [illegible] [illegible]
[illegible], [illegible], [illegible], [illegible], [illegible]

Bem (Phil) [illegible] Aristoteles [illegible] spez.
[illegible] ([illegible]) [illegible]
essentiellen Df. (substant. Df.) – [illegible]
[illegible] Df. [illegible]
[illegible] Df.? [illegible]
Df. [illegible] *–([illegible]
[illegible]?) [illegible]
[illegible] Df. [illegible]
[illegible] A. etc.?

Bem (Phil) [illegible]

* [illegible] Df ([illegible])

[illegible]

207

[illegible]

Bem (Phil) [illegible]

Disj.: [illegible] Information [illegible]

0 spez. [illegible]

Bem (Phil) [illegible] 10 [illegible]

[illegible] (h l)

Max [illegible]

[illegible]

Bem (Grundl.) [illegible] [illegible] [illegible] (Extensionen)

Bem (Grundl.) [illegible] – Df. [illegible] ([illegible] Df.) [illegible]

[illegible] $A(x) =_{Df} \varphi(x)$ [illegible] φ [illegible] [[illegible]]

Df [illegible] Substitutierbark. [illegible]]

Bem (Psych.) [illegible] Arist [illegible]

209

[illegible] (... [illegible] ...)*

Max [illegible] Skelett [illegible]

[illegible] ([illegible])

Bem ([illegible]) [illegible] transit.

[illegible]

Bem (Grundl) [illegible]

[illegible] : [illegible] Fσ.Gσ [illegible] „ [illegible] "

[illegible]

[illegible] [[illegible] :

[illegible] Archim. [illegible] Stone]

* [illegible] ([illegible])

[illegible] Boole [illegible]] [illegible]

[illegible] [[illegible]

[illegible] Borel [illegible], Baire [illegible], [illegible] etc.]

[illegible]

[[illegible] Fσ.Gσ [illegible]] [illegible]

I Kat. [illegible] Konstr. [illegible]

[illegible] „ [illegible] " [illegible] : [illegible]

[illegible]

Bem (Grundl) [illegible] :

1) [illegible] $(\varphi)(\exists y)\,\varphi(\varphi y)$

[illegible] [$\forall$ $\varphi \neq 0$, $y \neq 0$]

2) [illegible] Fσ-[illegible] A [illegible] M [illegible]

211

[illegible] M [illegible]

3.) Herbrand [illegible] $P \vee P \vee \ldots \vee P \to P$

[illegible]

„[illegible]" [illegible] „[illegible]"

konstrukt. Df. (vgl. [illegible] Bem. [illegible])

Bem (Grundl.) Peano Df [illegible] ιx

([illegible] Operat.):

[illegible] $\varphi(x)$ [illegible] Ax. [illegible]:

$(y)[\varphi(y) . \equiv . y = a] . \equiv . a = (\iota x)\varphi(x)$ *

[illegible] $\sim x$ $\varphi(x)$ [illegible]

$\varphi(a) . \equiv : a = (\iota x)\varphi(x)$ **

[[illegible] ** [illegible] * [illegible] φ [illegible]]

[illegible]:

$(\iota x)\varphi(x) \neq (\iota x)\varphi(x)$ [illegible] $x = x$.

[illegible] Ax. [illegible] Kat. [illegible]

[illegible] Ax. [illegible] $x = y \supset \varphi(x) \equiv \varphi(y)$

[illegible]

([illegible] Terme [illegible]) [illegible]

[illegible] Exist. Op. [illegible]

$E!a . \equiv . a = a$

Frw [illegible] Theorie [illegible]?

[illegible]

Bem (Grundl) [illegible] (1x)

[illegible] non sense ([illegible]

Peano vgl. [illegible] Bem) [illegible]

[illegible] [[illegible]

[illegible]] – [illegible]

[illegible]

[illegible] (inquantum)

[illegible] „pos"

[illegible] > 10 [illegible]

[illegible] 10 [illegible] [[illegible] pos. [illegible]] *

[illegible] > 1000 [[illegible] < 1000 [illegible] pos. [illegible]]

Frage: [illegible] – pos.

[illegible]? – [illegible]

[illegible] prim. [illegible]

([illegible])

[illegible] Struktur [illegible]

[illegible] [[illegible]]

[illegible] [[illegible]

[illegible]] – Extensional

[illegible]

* [illegible] Chaos [illegible]

215

Bem (Grundl.) [illegible]

[illegible] intensionales [illegible]

1. Kontin. Probl. [illegible] Axiom

2. [illegible] analyt. [illegible]

[illegible] [[illegible] $\Gamma(x)$]

~~[[illegible]]~~

3. [illegible] „[illegible]" Repräsentanten [illegible] (Zahl [illegible] x^n, e^x [[illegible] Diff. Anst. [illegible] Approx. [illegible] $e^{-\frac{1}{x^2}}$] [illegible] e^x [illegible]

[illegible] Analysis [illegible]

4. [illegible] ω_1 [illegible]

[illegible]

(Sonstiges) Probl. [illegible] $< \omega_1$

[illegible]

Bem. (Grundl.) [illegible] Hyp. A

[illegible] extensionale ([illegible])* [illegible]

[illegible] intensionale ([illegible]) [illegible]

„Chaos"

Bem (Psych.) [illegible] 3 [illegible]

[illegible] 1.) [illegible] 2. [illegible] Skre

* [illegible]

217

2. [illegible] 3. [illegible] (f) [illegible] * +

[illegible] psych. [illegible] 1. [illegible]

[illegible] ([illegible]) 2. [illegible]

10 2 6 [illegible]

[illegible] ([illegible])

Bem (Grundl) [illegible]:

[illegible] $\varphi(a_1) . \varphi(a_2) \ldots \varphi(a_n)$

[illegible] Intensionen

Bem (Grundl) 1.) [illegible] Contrinationen?

f: $.a + b$ [illegible] $= a(+b)$ [illegible]

$= +(a, b)$. 2.) [illegible] $a + b$ [illegible]

* [illegible]

\+ [illegible] 3. [illegible] 1. 52. [illegible]
1. [illegible] 2. [illegible]

3 [illegible] 4 [illegible] ([illegible] 4 [illegible], [illegible]
[illegible]
[illegible])

Bem (Grundl) [illegible] : $x \varepsilon a f b \equiv$

$(u)[u \varepsilon b \rightarrow xu \varepsilon a]$ [illegible]

f* $=$ [illegible] f: $a+b$ ([illegible]

[illegible]) [illegible] $a \times b = ab$

Bem (Grundl) [illegible]

[illegible] etc. [illegible]

[illegible]

* [illegible]

[illegible]

[illegible]

[illegible] ([illegible])

Bem (Grundl) Brouwer [illegible]

[illegible] 1) 0 [illegible] 1 [illegible]

2) [illegible] f_i [illegible]

$f_1 + f_2 + \dots + f_i + \dots$

[[illegible] Kat. [illegible]

[illegible]

$f(i_1) \dots (i_n) \varepsilon N$ [illegible]]

3.) [illegible]

3. [illegible] : [illegible] Ord. [illegible]

[illegible]

[illegible] Ord [illegible] ([illegible] intuit [illegible]) [illegible]

$a \varepsilon$ Ord [illegible] intuit. Bed.

[illegible] Impl: $x \varepsilon \text{Ord} \equiv 0, 1 \varepsilon K$.

$(f)[(i)[f_i \varepsilon K] \supset f \varepsilon K] : \supset_K x \varepsilon K$

Bem. (Phil) [illegible]

1. [illegible] : $\vdash A$ [illegible] Ord [illegible]
   A [illegible] Ord.

2. Psych: [illegible] $\vdash A$ ([illegible] , [illegible] ,

inquantum [illegible]) [illegible]

[illegible] :

[illegible] A [illegible]

221

Bem (Grundl.) [illegible] Probl. (Forts. v. p) – [illegible] approxi-
miert [illegible]

[illegible] Hilfsm.) [illegible]

[illegible] simplif.ziert [illegible]

Polynom [illegible]

[illegible] Probl. Forts. p. 236

* [illegible] $P(x) \supset Q(x)$ [illegible] $P_i(x) \supset Q(x)$
[illegible] $P(x) \supset P_i(x)$ [illegible] vgl p 228

Max [illegible]

Ben (Phil) – [illegible]

[illegible] ⊗ [illegible]

[illegible] *[illegible]

* [illegible] ⊗ [illegible]

[illegible]

(Phil)
Max [illegible] vgl p. 226

Ben (Grundl) [illegible]

225

[illegible]

Bem (Phil) [illegible]

1. [illegible]

2. [illegible]

? [3. [illegible]]

4. [illegible]

5. [illegible]

6. [illegible]

* [illegible]

227

7. [illegible]

8. (= 1') [illegible]

9 [illegible] aesthet. [illegible]

10. (= 2') [illegible]

11. [illegible]

Bem (Grundl) [illegible]

[illegible]

12. [illegible]

13. [illegible]

9. 5 12 [illegible]

[illegible]

Forts. p 220

[illegible] $P(x)$ [illegible] Approximat. [illegible] P [illegible]

[[illegible] $P(x) = x^2$ [illegible] $P_1(x) = x$ [illegible]

$P_3(x) - x^2$ [illegible] $|x| \geq 1 \vee x = 0$]

[illegible] P

[illegible] $P(x) \supset . Q_1(x) \vee Q_2(x)$

$Q_1(x) \supset Q(x) \quad . \quad Q_2(x) \supset Q(x)$

229

Bem (Grundl) [illegible]

[illegible]

1. xRy [illegible] $(xy) \varepsilon R$

2. fx [illegible] xf

3. a^b [illegible] $b[a]$

4. [illegible] $\langle\langle xy\rangle z\rangle$ [illegible] $\langle x \langle yz\rangle\rangle$

5. $R'x = \imath y\, yRx$ [illegible] $= \imath y\, xRy$

6. [illegible] $a \times b$ [illegible] lexikogr. [illegible] antilexikogr. [illegible]

[5' [illegible] $\sim$ $xRy \equiv x = R'y$
[illegible] $xy \varepsilon R \equiv x = yR$]

[illegible]

Bem (Grundl) $a \times b$ [illegible]

1. [illegible]

2. [illegible]

[illegible]

[illegible] a^b [illegible]

([illegible] a^b) [illegible]

[illegible] a^x [illegible]

([illegible] x^{a^n} [illegible] $x^{(a^n)}$ [illegible]

[illegible] Mult [illegible] Add [illegible]

[illegible]) [illegible]

[illegible] Ang [illegible]

[illegible] [[illegible]

Diag [illegible]]

Bem. (Grundl) [illegible]

[illegible]

[illegible] ([illegible]) [illegible]

[illegible] [[illegible]

[illegible]

[illegible]]

[illegible]

[illegible] | [illegible]

[illegible] {[illegible]} [illegible]

[illegible]

Bem. (Grundl) [illegible]

[illegible] | Antinomien [illegible]

[illegible]

Bem. (Grundl) [illegible]

[illegible] ([illegible]) [illegible]

[illegible] [[illegible]] [illegible] ([illegible]

[illegible]) [illegible]

[illegible]

Bem. (Grundl) [illegible]

[illegible] ([illegible])

[illegible] | [illegible] A [illegible]

[illegible] A = B [illegible] A ≠ B [illegible]

– [illegible]

[[illegible] A [illegible] B [illegible] C]

[illegible] A [illegible]

[illegible] B [illegible] A [illegible]

([illegible])* [illegible] etc. –

Probl. [illegible]

[illegible] Definition [illegible]

Bem (Grundl) [illegible]

[illegible] Implicans [illegible]

Bem (Gr) [illegible] Lebesgue [illegible] Integral

[illegible]

[illegible] A [illegible] Lebesgue [illegible] Integral

[illegible] Integral

Bem (Grundl) [illegible]

[illegible]

[[illegible]] – [illegible]

[illegible]

* { [illegible] a b c [illegible] }

[illegible]

235

[illegible]

[illegible] „[illegible]" [illegible]

[illegible]

Fra (Gr) [illegible]

[illegible] [[illegible]]

Bem (Gr) [illegible]

[illegible] [[illegible]

Format [illegible]

[illegible] Polynom

[illegible]]

Bem (Grundl. Forts. v. p 221) [illegible]

[illegible] („chartischen") [illegible]

topologischen [illegible] (ulce)

[illegible]

[illegible] max. [illegible]

[illegible] ($A \vee B \supset A \vee B \vee C$)

[illegible] Sonst. [illegible]

[illegible]

[illegible] Max. [illegible]

[illegible] max. [illegible] [[illegible]

[illegible] Add. Mult. [illegible]

[illegible])] [illegible]

[illegible]

„chaotischen" [illegible]

[illegible]

1+1+1…+1 [illegible]

[illegible]

[illegible])

Bem ([illegible]) [illegible]

[illegible] [[illegible]

Dirichlet [illegible] $\sum_n \left(\frac{D}{n}\right)$ [illegible]

[illegible] $\left(\frac{D}{n}\right)$ [illegible]

+1 [illegible] −1 [illegible]

[illegible] „Det" ([illegible]) [illegible]

[illegible] Transc. [illegible] π] [illegible]

[illegible]

[illegible] Σ [illegible]

[illegible] $\alpha \neq 0$] [illegible] Chaos [illegible]

[illegible]

239

[illegible]

Bem (Phil) [illegible] $\varphi = F(\varphi \psi ..)$ [illegible] Approx. [illegible] φ, ψ [illegible] φ, ψ [illegible]

Bem (Phil) [illegible] Thomas [illegible] Instinktes [illegible] 100 [illegible] * [illegible] A est A [illegible] 100 non est A [illegible]

[illegible] bonum (malum) est [illegible]

[illegible] Halluzinationen [illegible]

Foto p. 432

* [illegible] 100 [illegible]

[illegible]

241

Bem (Phil) [illegible]

[illegible] :

1. [illegible] A. [illegible] } Toto genere [illegible]
B. [illegible] } s. intensive [illegible]

2. [illegible]* [illegible]

[? 3. [illegible]]

Bem (Phil) [illegible]

[illegible]

* [illegible]

[illegible]

[illegible]: 1. [illegible] [[illegible]] verba autem mea non transibunt?

2. [illegible] [[illegible]]

3. [illegible] ([illegible] 2.) [illegible]

Bem (Phil) [illegible] s. Arch.

[illegible]

243

[illegible]

Bem ([illegible]) [illegible] vgl. p

in Lektüre Brouwer ca. März 1942

Bem (Phil) [illegible] "Chaos" [illegible]

Bem (Grundl) [illegible] $\hat{x}\varphi(x)$ [illegible] $\hat{x}\sim\varphi(x)$ [illegible]

[illegible]

Bem (Gr.) [illegible] [Brouwer] [illegible] a+b [illegible] Subjekt [illegible] Objekt [illegible]

Bem (Gr) [illegible] 2 [illegible] Chaos [illegible]

Probl [illegible]

[illegible] ([illegible]

[illegible]

[illegible] ?) vgl. p.252

Bem (Gr) [illegible]

pos. [illegible] „ [illegible] " [illegible] Implikation

([illegible] pos. [illegible])

Bem (Gr) [illegible]

[illegible] $(-1)^x$ [[illegible]] ?

Max [illegible]

[illegible] abrupte [illegible]

Bem (Gr) [illegible]

[illegible]

[illegible] Chaos [illegible]

Kosmos [illegible]

Bem (Gr) [illegible] ([illegible]) [illegible]

([illegible])

[[illegible]

[illegible]

[illegible]

[illegible]

[illegible]] [illegible]

[illegible]

[illegible]

[illegible]

[illegible] [illegible] (...) [illegible]

[illegible]

[illegible]

vgl. p. 248

Bem (Gr) [illegible] $\aleph_1$ [illegible]

[illegible]

[illegible] pos. [illegible]

$O(f)$ [illegible]

1. $f < g \rightarrow O(f) \leq O(g)$

2. [illegible] α [illegible] $O(f) \geq \alpha$

[illegible] $\overline{I}$ [illegible]

[illegible] $m(\overline{I})$ [illegible]

[illegible] $\overline{I}$ [illegible]

1: $f_{m(I)}$ – $O(f)$ [illegible]

[illegible] O [illegible]

([illegible] $O(f)$ [illegible])*

Bem (Gr) [illegible] O pos.

[[illegible]

[illegible]

[illegible] pos. [illegible] pos. [illegible]

[illegible]]

[illegible]

[illegible] a priori [illegible] O ⊛

[illegible] O |

⊛ [illegible] P, ~P, [illegible] Pa, [illegible] ~Pa etc [illegible]

* [illegible]

[illegible] pos. [illegible] [[illegible]] [illegible] [[illegible]]

Bem (Gr) [illegible] $ab < cd$ [illegible] Ax. [illegible] $a \neq b$ [illegible] $c\,d$

$ac < ab \quad bc < ab$ [illegible]

$ab < ad \quad bd < ad$

[[illegible] cd [illegible] pos. [illegible]]

Bem (Phys.) [illegible] $\lim_{t \to \infty}$ [illegible]

Bem (Phil) [illegible] Arithm) [illegible] $P \supset Q$ [illegible] Q^* [illegible] Q [illegible] Q [illegible] Q [illegible] 0 [illegible]

* [illegible] Q [illegible] $(x)\,\varphi(x)$ [illegible] $\varphi(a)$

251

[illegible] $A \subseteq B$ ([illegible] A, B

[illegible] komplic. [illegible]

[illegible] ?

[illegible] ?

Frage (Phil.) 1. [illegible] „[illegible]" Psychologie

[illegible] a priori [illegible]

[illegible] ([illegible]) ? +

2. [illegible] * [illegible] 3 [illegible]

A. [illegible] ([illegible])

B. [illegible] ([illegible])

B, C [illegible] 1. [illegible]

2. [illegible]

[illegible] . $A \subseteq B$ [illegible] $B \subseteq \sim A$

C [illegible] ([illegible] C ?)

* [illegible] = [illegible] + [illegible]

D [illegible] ([illegible]),

[illegible] A [illegible] B

2.) [illegible]

3.) [illegible]

([illegible]) [illegible]

4.) [illegible] ([illegible] *)

[illegible] „[illegible]" [illegible]

ad 2.) [illegible] $A \cdot A \rightarrow A$

([illegible], modus ponens)

[illegible] ([illegible]

[illegible]) [illegible]

. $A \rightarrow A'$ ([illegible] ?)

ad 4.) [illegible]

* [illegible] ([illegible])

[illegible] (A, A⊃B) [illegible]

[illegible] B [illegible]

[illegible] E [illegible]

[illegible] Möbius [illegible])

Bem (Gr) [illegible] ([illegible])

[illegible] orthog

[illegible] [[illegible] proj. [illegible]] – [illegible]

[illegible]

[illegible]

Probl. [illegible] Dedek [illegible] 1. Homogen

2. [illegible] 3. [illegible] (illegible)

[[illegible]

[illegible] [illegible]

[illegible]] – [illegible]

[illegible]

Bem (Phil) [illegible] [[illegible]]

[illegible]

[illegible]

[illegible] [[illegible]

[illegible]] – [illegible] Meta- [illegible]

[illegible] ([illegible])

Bem (Gr.) [illegible] (

[illegible]) 1. [illegible] [[illegible]]

[illegible] pα pα:

[illegible] pα: [[illegible]] [illegible]

+ [illegible] irrelevant [illegible]

2. [illegible] 3. [illegible] ([illegible] 1. [illegible])

4. [illegible] 5. [illegible] (= 2.?)

Bem (Gr) [illegible] [[illegible]] [illegible] :

1.) [illegible]

[illegible]

[illegible]

[illegible]

[illegible] $(G)(\exists H, F)$ –

[illegible] H – [illegible] F – [illegible] *

[illegible] $(G)(H)\left[\bar{\bar{G}} \leq \bar{\bar{H}} \rightarrow (\exists F) \ldots\ldots\right]$

2.) [illegible]

[illegible] [Appollon[illegible]] [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] – Psych. [illegible] „[illegible]"

---

* [illegible] $(G)(\exists H)\left[\bar{G} \leq \bar{\bar{H}}\right]$

– [illegible] (x)~(u)~

[illegible] Real. ad abs. ∠ (u)~ [illegible] x.

Bem (Gr) [illegible]

[illegible] Dim. [illegible]

proj. Geom [illegible] Isom ∠ (ab b) [illegible]

(a a+b) [illegible]

ab – [[illegible] ?]

Prog (Phil) [illegible] Psychol,

Log, Semant, etc [illegible]

[illegible]

[illegible] explic.

vgl. p 263

Bem (Gr.) [illegible] :

(1) [illegible] B [illegible] :

$$B(\iota x)\,\varphi(x) = (\iota x)\,W(\varphi(x))$$

$$: B(a) = B(a') \rightarrow B\ \mathrm{Subst}\left(c\ {a \atop a'}\right) = B\,c$$

(2.) [illegible]

[illegible]

[illegible] : intens. [illegible] extens [illegible] Princ

[[illegible]] [illegible] ext. [illegible]

[illegible]

258

3.) [illegible] Psych. ([illegible] idealis.) [illegible]

[[illegible] Brouwer [illegible] psych.

[illegible] [in Psychol] – [illegible]

[illegible] Frege-[illegible] „[illegible]" [illegible]

[illegible] 1. [illegible] Psych. [illegible]

[illegible]: Sinn (P) = [illegible] P [[illegible]

[illegible]] = [illegible] P [illegible]

(Psych) (Ende Lekt. Brouwer [illegible] März 42)

Bem [illegible]: [illegible]

Eternal Happiness [illegible] [[illegible]

[illegible]]

Bem (Phil) [illegible] Perf. [illegible] Imperf ([illegible]

[illegible]) Perf = [illegible] [[illegible]]

Imperf = [illegible] [[illegible]]

[illegible] Imperf. [illegible]:

Aorist → Imperf

Perf → Perf [illegible]

[illegible] Perf. – [illegible]

[illegible] [[illegible]] $\vdash_g P$ P

$\vdash_v P$ P [[illegible]]

[illegible]

[illegible]:

$\vdash_g P_v$ = Perf $\vdash_v P$ = Imperf

$\vdash_v P_v$ = Plusqu. Perf.

[illegible]

[illegible]

[illegible] Perf. [illegible] [illegible]
[illegible] Aorist [illegible]

260

[illegible] [[illegible]
[illegible]]

Imp. Praes. / Fut. [illegible]
[illegible] [[illegible]] [illegible]
[illegible] [am reading
[illegible] Imperf.] [illegible] Praesens [illegible]

Bem (Phil) [illegible]
[illegible]
[illegible]
[illegible] visuellen [illegible]
[[illegible] Isomorphie
[illegible]] [illegible]

[illegible] : [illegible] = [illegible]
[illegible] : [illegible]
[illegible] : [illegible]
[illegible]

Lectüre Zweig (Mesmer, Baker, Freud)

Bem (Psych) [illegible]
[illegible]
([illegible]) [illegible] : [illegible]
[illegible]
[illegible]
[illegible] : [illegible] ([illegible])
[illegible] ([illegible]
[illegible]) [illegible]

262

Fra (Jur) [illegible]

[illegible]

Bem (Psych) [illegible]

Bem (Gr.) [illegible] „[illegible]" [illegible]

[illegible] $(\exists x)\,\varphi(x)$ [illegible]

[illegible] Df.

Bem (Phil) [illegible] „[illegible]" [illegible]

1. [illegible] 2. [illegible]?

[illegible] Df. [illegible]

[illegible] Df. [illegible] Df. [illegible]

[illegible] Df. [illegible]

[illegible] Aggregate [illegible] etc. [illegible]

[illegible shorthand]*

Bem (Phil) [illegible shorthand]

[illegible shorthand]: cognovit populum suum, numquam cognovi vos, verba mea non transibunt

* [illegible shorthand]

[illegible shorthand] (1 [illegible] Manichäism)

Bem (Theol) [illegible shorthand] theolog. Paradoxien [illegible]

Bem (Theol) [illegible shorthand] Christ. Sci. [illegible shorthand] Pat. [illegible shorthand] Pat. [illegible shorthand] [illegible] ([illegible] ?)

Bem (Phil) [illegible] * [illegible]

[illegible] Prädikat [illegible]

[illegible]

Disposition [illegible]

[illegible] Disp. [illegible]

[illegible]

Fra: [illegible] Syllog [illegible] ?

* [illegible]

Bem (Phil) [illegible]

[illegible] * ([illegible]) [illegible]

[illegible] ⊕ [illegible]

[illegible] [[illegible]]

[illegible] φ(a) [illegible] : [illegible] φ, a [illegible] [[illegible]]

⊕ [illegible]

* [illegible]

Bem (Psych) [illegible] $\varphi(a)$ [illegible] Aristoteles [illegible]

[illegible] [principiell [illegible]]

Bem (Gn) [illegible]

[illegible]

Bem (Phil) [illegible] = [illegible] (incl. [illegible]) [illegible] ≡

apriori (apodiktisch) [illegible]

[illegible]

[illegible] [illegible]

[illegible] (1g, [illegible]) [illegible]

[illegible]

[illegible] psych. [illegible]

[illegible] – [illegible] 12 [illegible] ([illegible]) [illegible]

[illegible] ([illegible]) [illegible]

[illegible]* [illegible]

[illegible]

[illegible] 12 P [illegible] $P \supset Q$ [illegible] Q [illegible]

[[illegible]: 12 [illegible]: [illegible] P [illegible] $P \supset Q$ [illegible] Q

[illegible] P, Q] – [illegible]

[illegible] (Forts. p 273)

* [illegible]

270

Bem (Gr.) [illegible] Interpret. [illegible] Princ. Math.
[illegible] psychol. [illegible]
[illegible]
[illegible]
[illegible]
[illegible] * [illegible] „nominalistische" [illegible]
[illegible]
[illegible] „idealistische" [illegible]
[illegible]
[illegible] „extensionale" [illegible]
Extensiona[illegible] –

* [illegible]

Einsch. (Theol.) [illegible]
[illegible] etc [illegible]
[illegible]
[illegible]

[illegible] nomin. Interpr. [illegible] [illegible
extens. [illegible]] [illegible]
[illegible] psych. [illegible]
[illegible]
[illegible] introsp. [illegible]
[illegible]
[illegible]
[illegible] Inst. [illegible]

\+ [illegible]

[illegible] Intention (6) [illegible] 2.) [illegible]

[illegible] ([illegible] 1010 [illegible])

3.) [illegible] iniquitas [illegible]

[illegible] ego 7 — [illegible] psych. Interpret.

„[illegible] Frage [illegible]" – [[illegible] φ(a) [illegible]

[illegible] φ [illegible] a [illegible]

[illegible]] – [illegible]:

[illegible] [[illegible]]

[illegible]:

Wort, Idee, Verhalten, Klasse [illegible]

[illegible]

[illegible] ([illegible])

[illegible] extens. [illegible]

→ EXT = [illegible]

[illegible]

[illegible] ext. [illegible]

Bem (Phil) [illegible] extens. [illegible]

[illegible] ([illegible] ([illegible]))

Forts. v. p 269. [illegible] Introsp.

[illegible] 1. [illegible] 2. [illegible]

[illegible] [[illegible]] [illegible]

3. [illegible]

[illegible] [[illegible]

[illegible]] [illegible]

Bem (Phil) [illegible] EXT. (= [illegible]) [illegible]

[illegible] [[illegible] Abstraktion [illegible]

[illegible]] – [illegible] a [illegible] $b_1 \ldots b_k$

[illegible] 1. [illegible]

[illegible]

274

[illegible] 2. [illegible] 286 [illegible]

[illegible] Df. [illegible] 2. [illegible]

[illegible] 2. [illegible] Df

[illegible] K [illegible] $K(x) =_{Df} \varphi(x)$ [illegible]

[illegible] Df [illegible] [[illegible] ext.

[illegible] int. [illegible]*] [illegible] int. [illegible] Df. [illegible] 1.

1. [illegible] 2. [illegible] imprä[d]. [illegible] prädik. Df.

[illegible] impräd. Df [illegible] ideal. Interpret.

[illegible]

[illegible] 1. [illegible] 2. [illegible]

[illegible] Exist. [illegible] 2. [illegible] 1.

[illegible] Charakterisierung p 277 [illegible]

[illegible] psych. Interpret. [illegible] impräd. At. [illegible] [Christaky

* [illegible] Identität [illegible]

[illegible]

Antin.] [illegible]

ext. [illegible] Russell[illegible] Antin.* [[illegible]]

[illegible] [illegible]

[illegible]]] [illegible]

[illegible] Repr. [illegible]

[illegible] Red. ax. [illegible] ext. [illegible] [[illegible] = [illegible]]

([illegible] nominal?)

Bem (Phil) [illegible] 20 „[illegible]“ : [illegible]

[illegible] [[illegible]] [illegible]

1. [illegible] 2. [illegible]

[illegible] Analogie [illegible] Extrapolat. (Analogie [illegible]

Exist., Extrapolat. [illegible] Prop.)

[illegible] $x : x' = y : y' \cdot x = x' \rightarrow y = y'$

Bem (Phil) [illegible] psychol. Interpr. [illegible] At. [illegible]

* [illegible] psych. Interpret. [illegible] 3. [illegible]

276

[illegible] 1. [illegible] psych. interpr. 2. [illegible]

[illegible] ? [illegible]:

[illegible] * [illegible]

[illegible] Sit. [illegible]

[illegible] (

[illegible] log. Spirale) [illegible] Raum [?

[illegible] ? [illegible]]

[illegible] (miquitas)

[illegible] ⊛

(Gr)
Bem [illegible] $(\exists x)$ [illegible] $\cdot (x)$ [illegible]

(Gr)
Bem [illegible]

[illegible] At. [illegible]

[illegible] Max. Ax.

+ [illegible] ⊛ [illegible]

* [illegible] !

(Gr)
Bem [illegible] Komb. [illegible]

[illegible] (intent. [illegible]) [illegible]

[illegible] substituierbar

[illegible]

[illegible] tautologisch [illegible]

[illegible] ?

(Phil)
Bem [illegible] $b_1 \ldots b_k$ [illegible]

expl. [illegible] $a = \varphi(b_1 \ldots b_k\ b_{k+1} \ldots b_n)$ + [illegible]

[illegible]] [illegible] [[illegible]] *

[illegible] $b_1 \ldots b_k$ [illegible] ([illegible]) [illegible]

[illegible] primär ([illegible]) [illegible] a [illegible] a [illegible]

* „a" [illegible] + [illegible] a [illegible]

[illegible] (b_i [illegible] b_i) [illegible] b_i [illegible] [illegible] b_i – [[illegible] ε [illegible]] – [illegible] Axiom. ([illegible]) ⊗

(Phil) p. 490

Bem [illegible] Ext. [illegible] Ext. [illegible]

(Phil)
Bem [illegible] psych. [illegible] A.) [illegible] : 100 [illegible] psych. [illegible] [[illegible]] [illegible] Ext. [illegible] B.) [illegible] * [illegible]

* [illegible] Quantoren ⊗ [illegible]

° [illegible] ined. [illegible]

[illegible] ([illegible]) [illegible] 0 [illegible] kompliziertes [Einsch: [illegible]] [illegible] * [illegible] psych. [illegible] { [illegible] [[illegible]] } [illegible] psych. [illegible] (primitive) [illegible] ined. [illegible] intent. [illegible] 20 [illegible] φ psych. ined. [illegible] φ [illegible] ψ_1 ψ_2 [illegible]

$$\varphi(S) = \psi_1(S) \,\&\, \psi_2(S)$$

– [[illegible] φ [illegible] int. [illegible] etc.]

primitive [illegible]

* = [illegible]

280

Bem (Phil) … (e int. ext. … Präd) … Newton … [?] … (incl. …) … ?] …

Bem (Phil) … int. … (2 …) … int. … int. …

Fra (Phil) … cogito ergo sum (… 13

* … (…) (primitiven) + …

… "ergo" … (…) … en Kat. …?

… cogito, si cogito sum, sum) … ego …? …

Fra (Phil) … primäre.

… psych. primäre …

Bem (Gr) Nom. Interpret: … S … [… Rekurs.]

… I … […] … […] … (! …) … +

A … S … x … N … S [… I …

+ …

* … N …

$\to B_S$ [illegible]

$N B_S \alpha$] : Subst$(A\binom{x}{N})$ [illegible] * [illegible]

[illegible] A – [illegible] + [illegible] a

$\sim a$ [illegible] $a \varepsilon W \equiv (\sim a) \notin W$ [illegible] v.

[illegible] A – [illegible] a

[illegible] $a \varepsilon W . \equiv . (N)[N \varepsilon$ Ind. Name $\to$ Subst$(A\binom{x}{N}) \varepsilon$ Name [illegible]]

[illegible] f [illegible] $f(a)$ [illegible]

[illegible] A [illegible] $A\binom{x}{N} \varepsilon$ Na [illegible]

$\equiv f(B_S(N)) \varepsilon W$ [illegible] $N \varepsilon$ Na [illegible]

Fra Gn [illegible] Ind., [illegible] ⊕ : I, T, W, B_S, S

[illegible] Operat. [illegible] * [illegible] Subst [illegible])

\+ [illegible] ⊕ S [illegible] [illegible]

* [illegible] T [illegible] [$\sim$] [illegible]

0. $W \subseteq T \subseteq I$

s ~ Ax. 1. [illegible] Df.

2. [illegible] $f(x)$ [illegible] $x \varepsilon I$ εT [illegible]

$u \varepsilon W \equiv (x)[x \varepsilon I \supset f(x) \varepsilon W]$

(3.) [illegible]

3′ [illegible] $x \varepsilon I$ $f(x) \varepsilon T$ [illegible]

[illegible] A [illegible]

$A\binom{x}{N} \varepsilon$ [illegible] $\equiv f(x) \varepsilon T$

[illegible] $A\binom{x}{N} \varepsilon$ [illegible] $N \varepsilon$ [illegible]

3″ [illegible] x, y [illegible]

$B_S[\mathcal{L}\binom{x\ y}{Na(a)\ Na(b)}] \varepsilon W \equiv a B_S b$

[illegible]

[illegible] (Lesniewski?)

41*] : Sp [illegible] Sp [illegible])

[illegible] $W \subset T$ [illegible]

1. [illegible] S_p [illegible]
   [illegible] $x \varepsilon S_p$ [illegible] $y \varepsilon S_p$ [illegible]
   $y \varepsilon W' \equiv x \notin W'$

2. [illegible] K synt. [illegible]
   [illegible] $K \subseteq S_p$ [illegible] $a \varepsilon S_p$ [illegible]
   $a \varepsilon W' \equiv (x)[x \varepsilon K \rightarrow x \varepsilon W']$

3. [illegible] synt. [illegible]

4. [illegible] syntakt. [illegible] * [illegible] synt. [illegible]

5. [illegible] a [illegible] synt. [illegible] $f(a) \varepsilon S_p$ [illegible] φ [illegible]:

---

* [illegible] $x \varepsilon W' \equiv_{Df} \mathcal{B}_S(x) \varepsilon W$

$\varphi(\overset{x}{a}) \varepsilon W' \equiv f(a) \varepsilon W'$ [illegible]
[illegible]]

[illegible] : 1. [illegible]

2. [illegible] [illegible]

3. [illegible] Bakers [illegible]

1. Antin [illegible] Typen-theorie [illegible] [illegible]

2. [illegible] ([illegible])

3. [illegible]

4. [illegible] adverb. [illegible] ([illegible])

5. [illegible]

5. [illegible]

4 [illegible]

6. [illegible] : [illegible], [illegible], [illegible] Psychose

A: 1. [illegible]

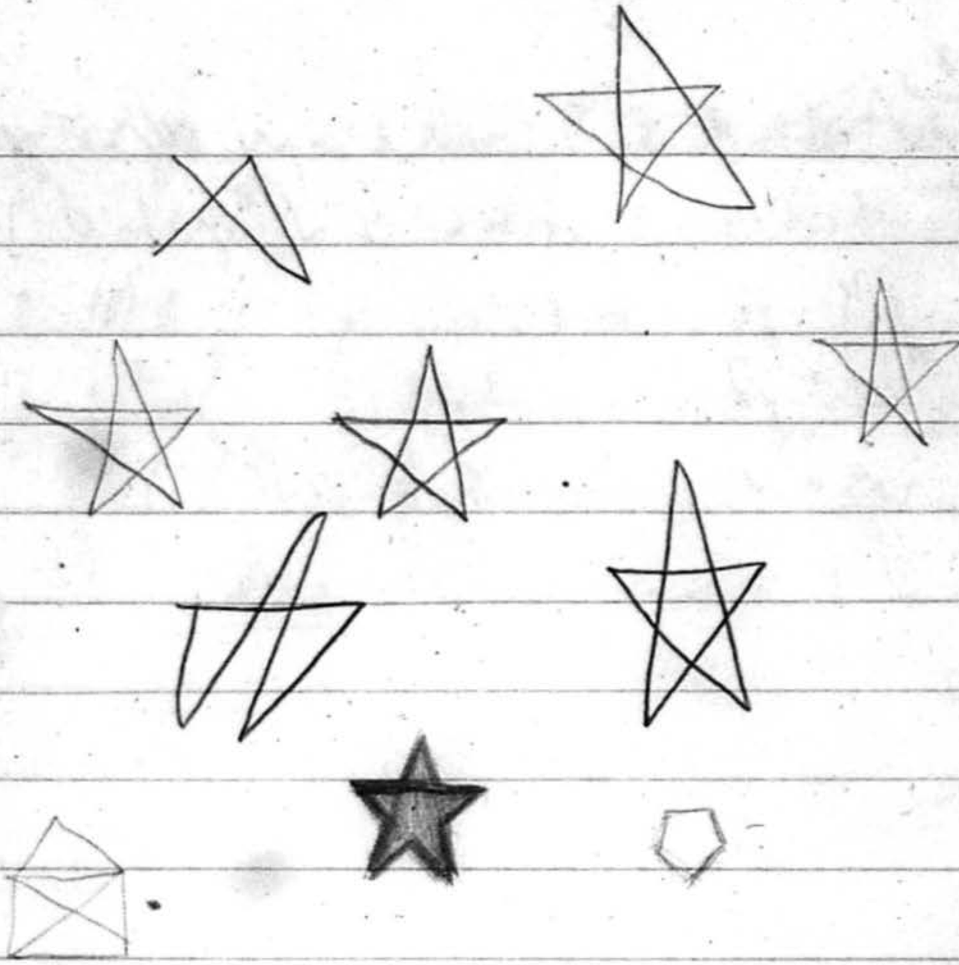
2. [illegible] ? [illegible] ?

3. [illegible]

$$1 = e^{2\pi i}$$

$$1^{\alpha} = b$$

$$e^{2\pi\alpha i} = b$$



~~11. [illegible]~~

12. [illegible] Extension ?

13. [illegible] psych. Interpret. [illegible] Ext." [illegible] ? [~~[illegible]~~]

14. [illegible] Ext. [illegible] Extrap. [illegible] psychol. Interpret. [illegible] psych. [illegible]

~~15. [illegible]~~

~~16. [illegible] Russell [illegible] psych. Int. [illegible]~~

~~17. [illegible]~~