NARODNA IN UNIVERZITETNA KNJIŽNICA
DS
II 99 202 tabele
095000423
COBISS ©

NARODNA IN UNIVERZITETNA KNJIŽNICA
DS
II 99 202 tabele
095000423
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Marijan Blejec

Teorija in metoda statistike

25 tabel

D Z S

Ljubljana

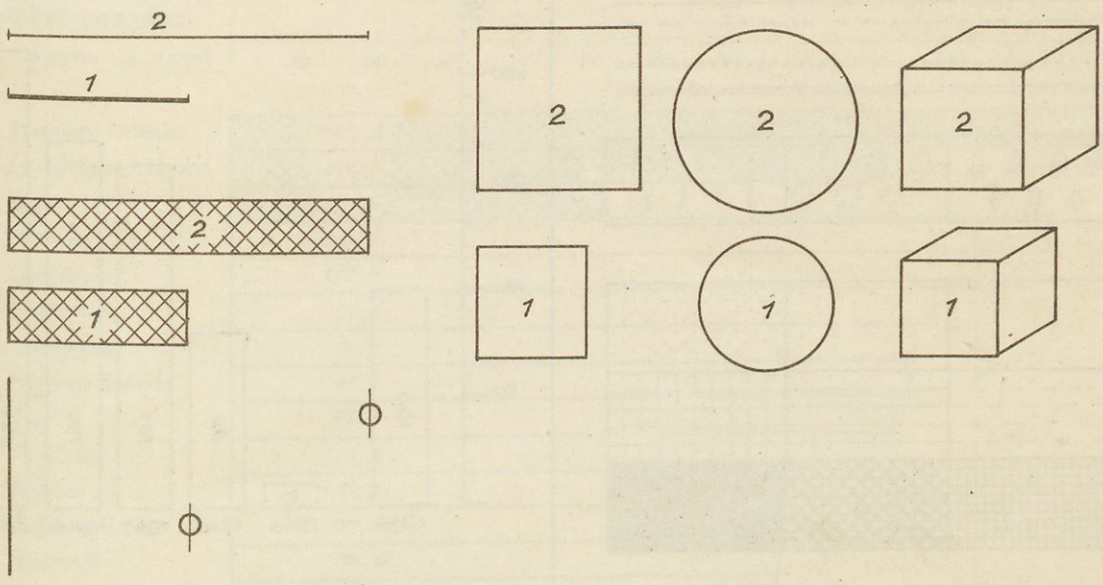
1950

II 99202

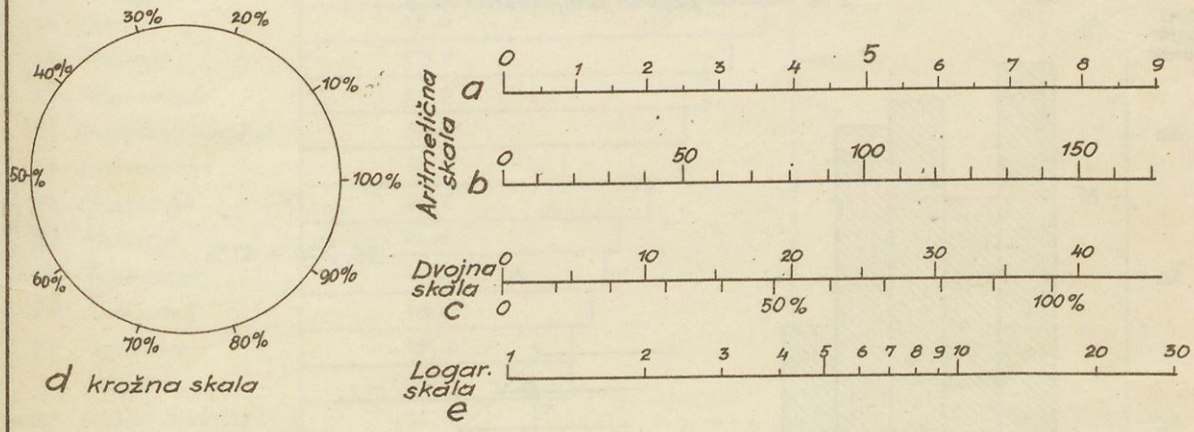
II 99202

0423/1950

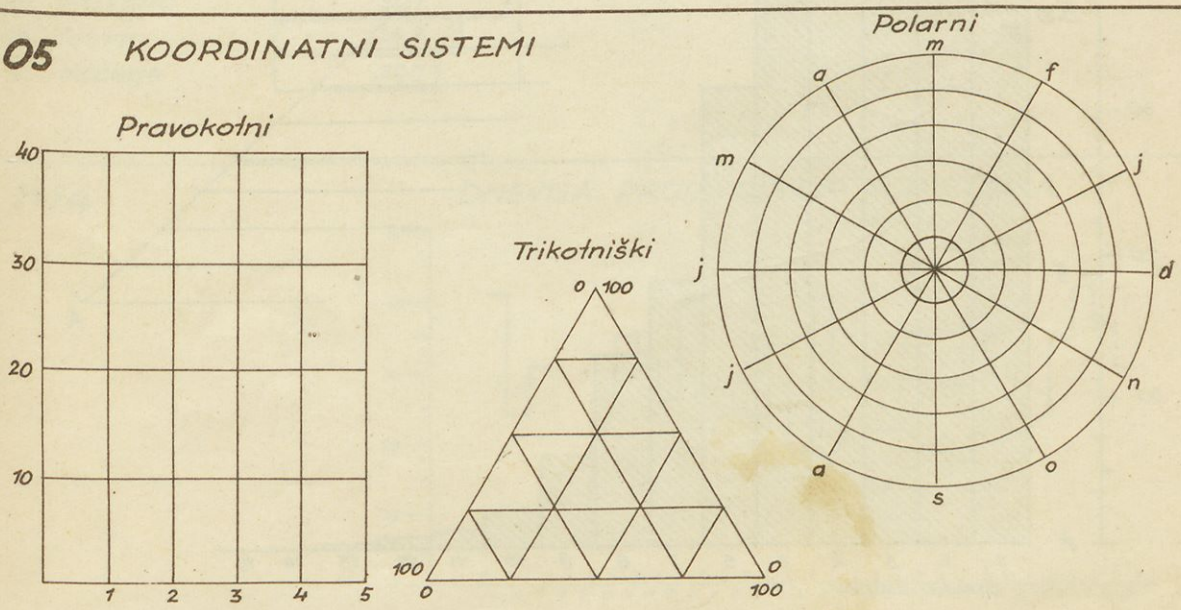
03 ELEMENTI GRAFIČNEGA PRIKAZOVANJA IN NJIH PRIMERLJIVOST



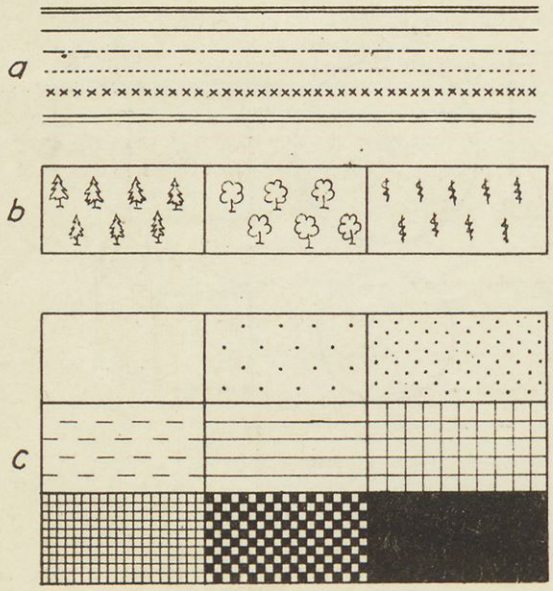
04 SKALE - LESTVICE - MERILA



05 KOORDINATNI SISTEMI

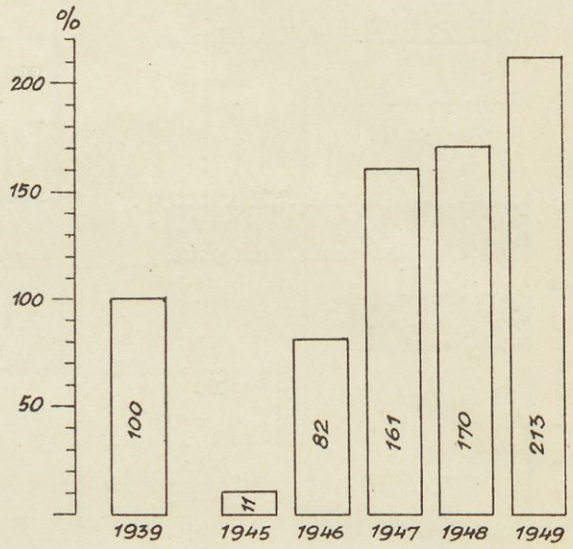


06 ČRTKANJA – ŠRAFURE



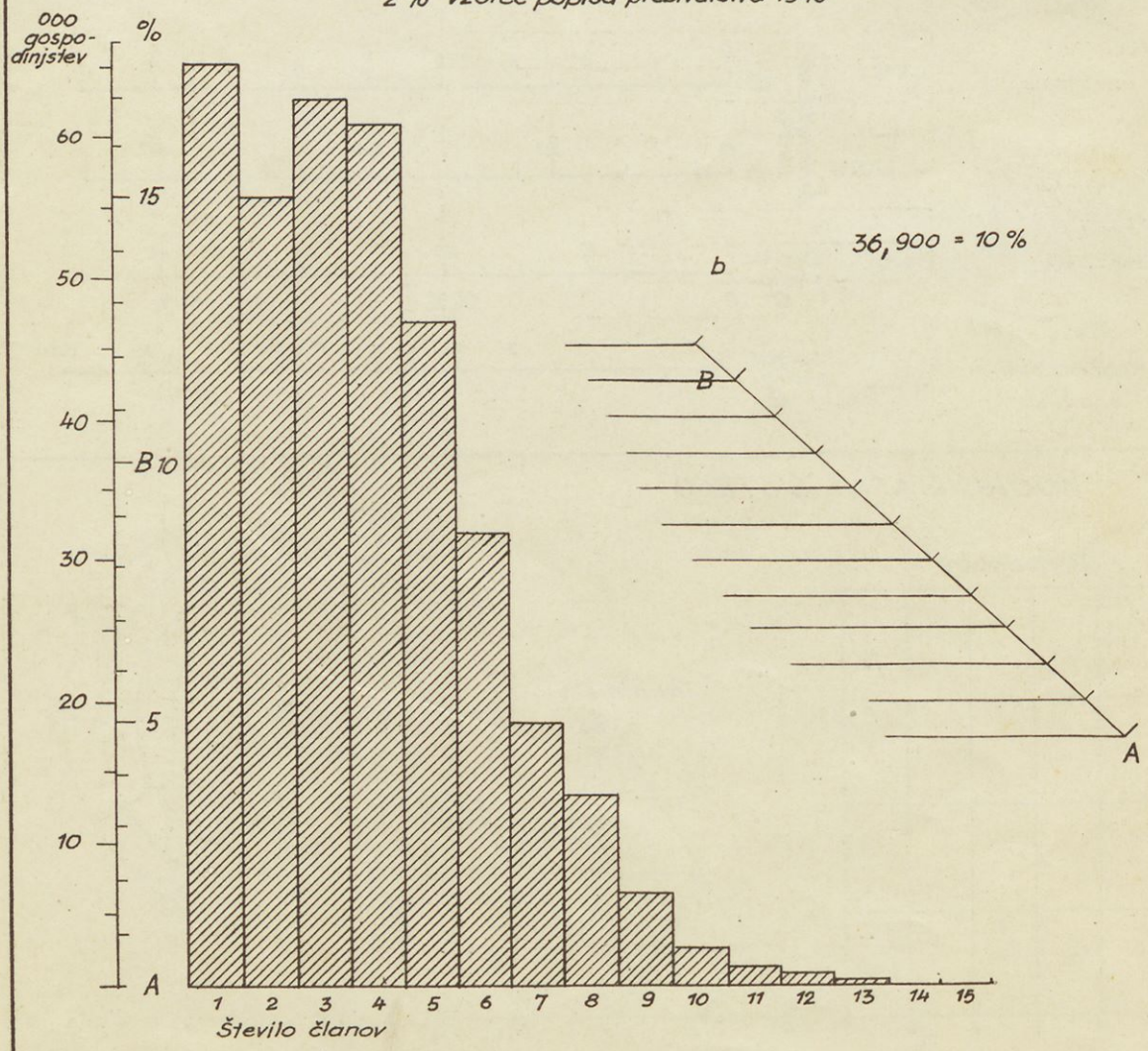
1111 SUROVO ŽELEZO v FLRJ

Indeks proizvodnje



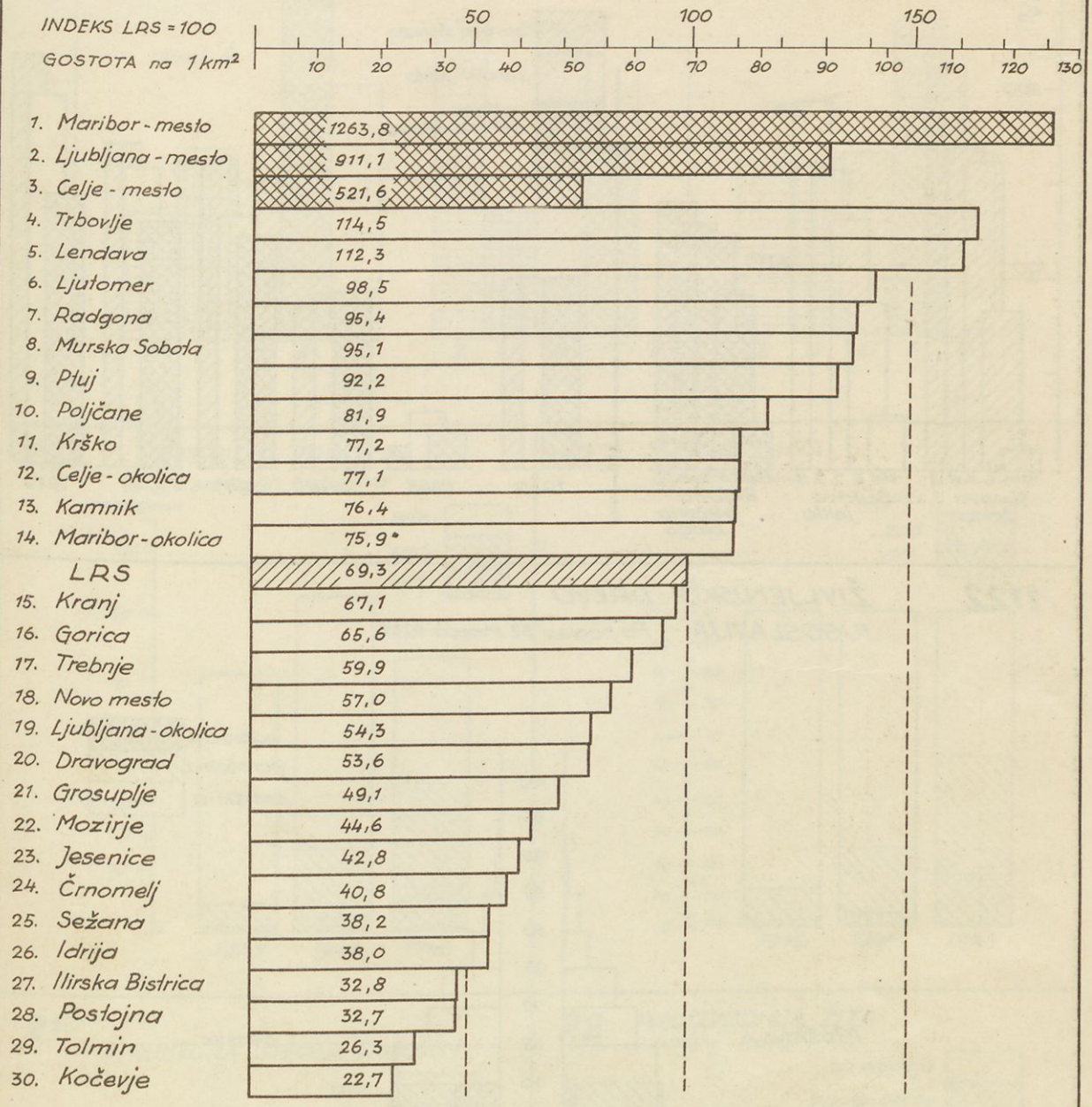
1112 ŠTEVILO GOSPODINJSTEV v LRS

2 % vzorec popisa prebivalstva 1948

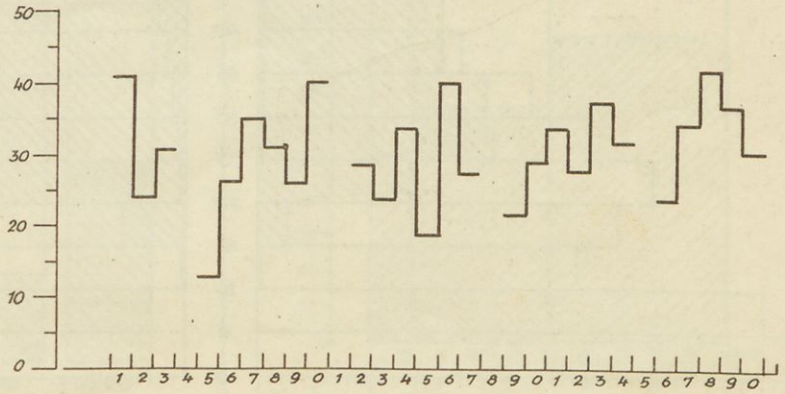


1113 GOSTOTA PREBIVALSTVA PO OKRAJIH v LRS

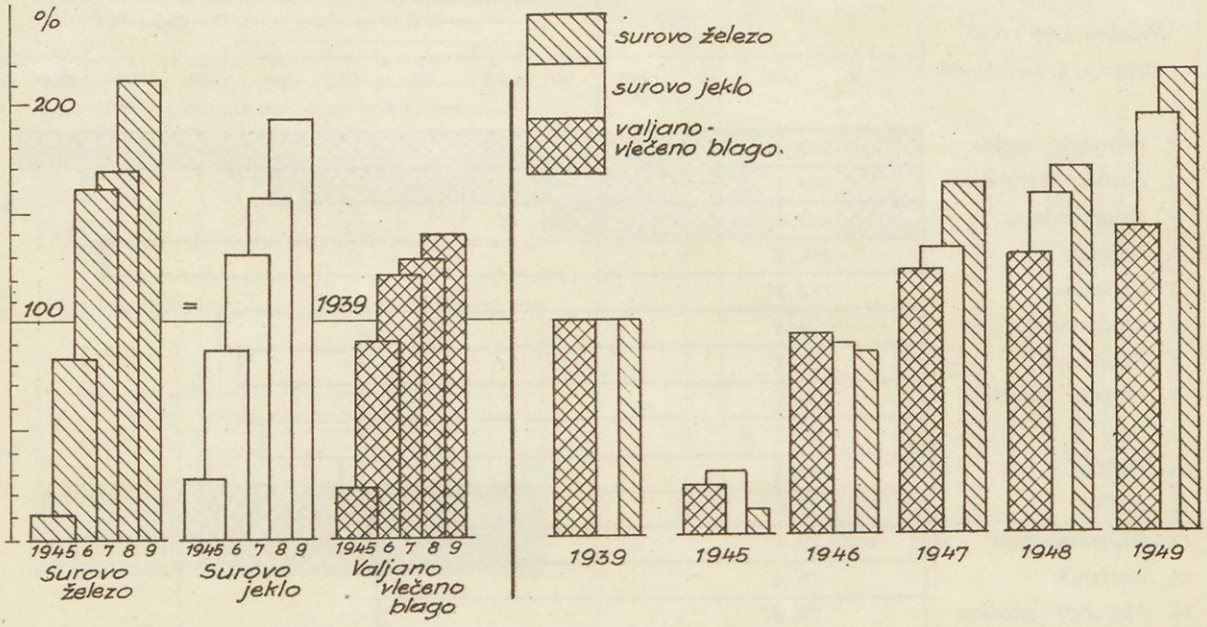
popis 15.marca 1948



1114 DNEVNA PROIZVODNJA PODJETJA A

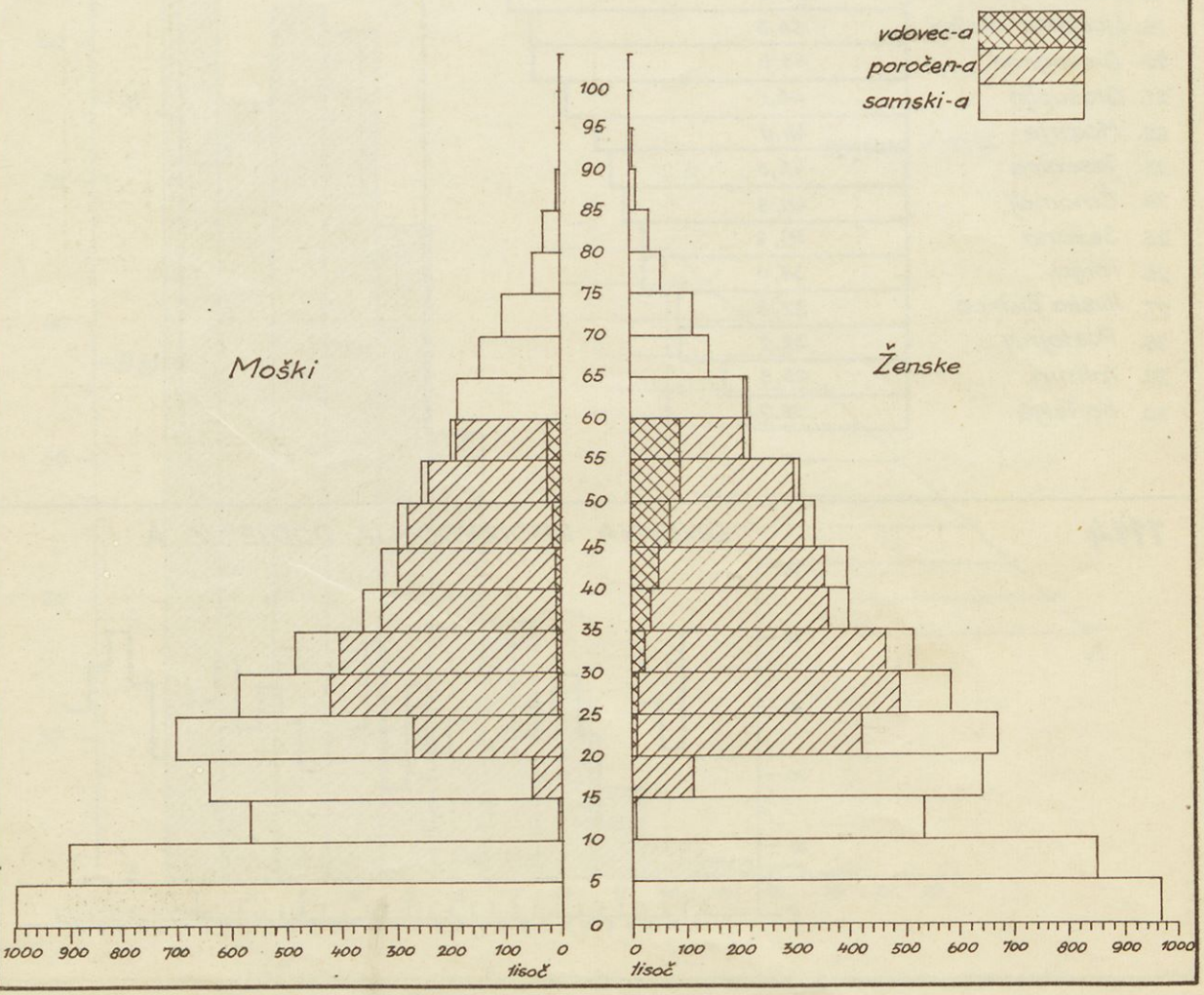


1121 INDEKSI PROIZVODNJE v FLRJ

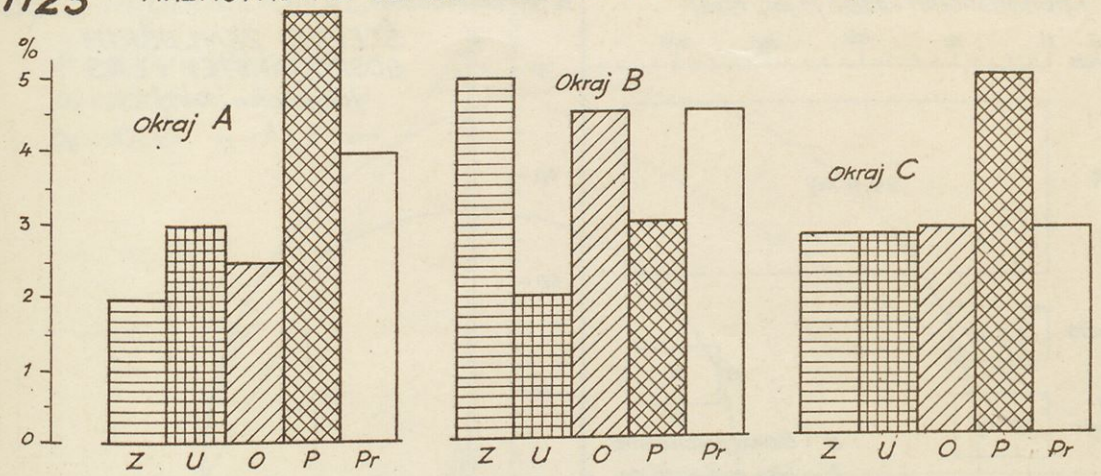


1122 ŽIVLJENJSKO DREVO

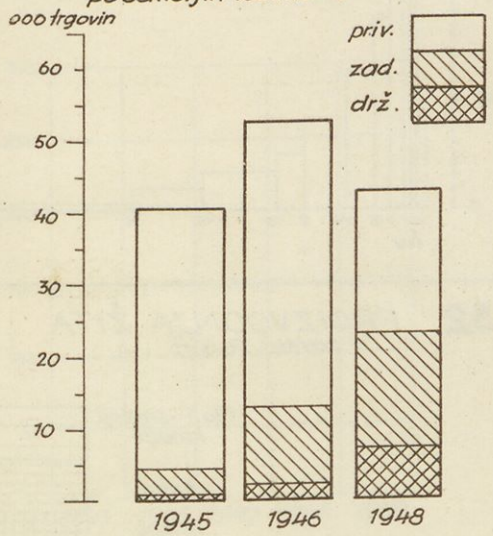
JUGOSLAVIJA - Po popisu 31. marca 1931



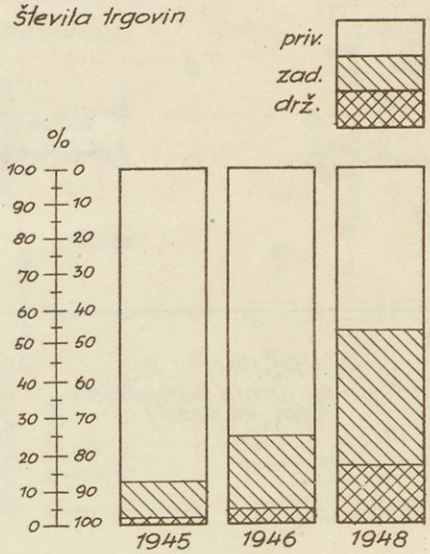
1123 RAZNOVRSTNE SERIJE - STANJE NABAVNO-PRODAJNEGA ZADRUŽNIŠTVA



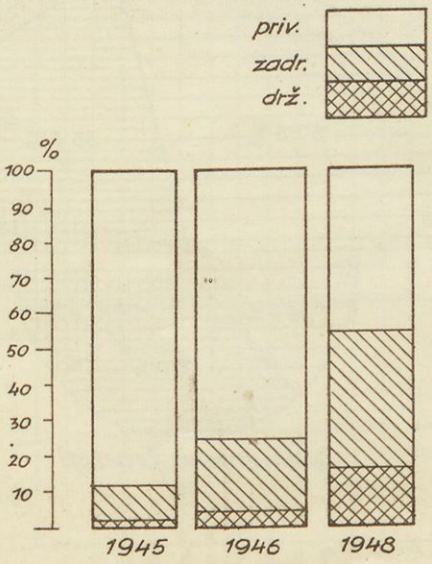
121 ŠTEVILO TRGOVIN
po sektorjih lastništva



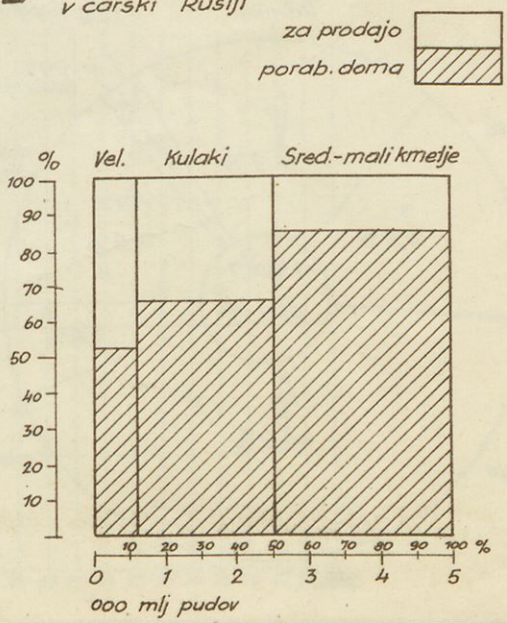
122 STRUKTURA
števila trgovin

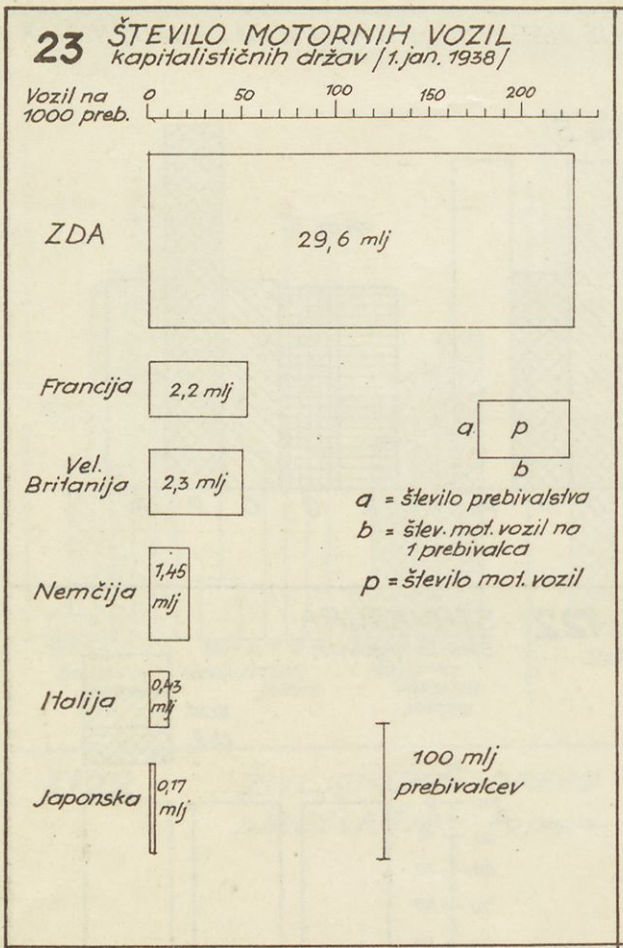


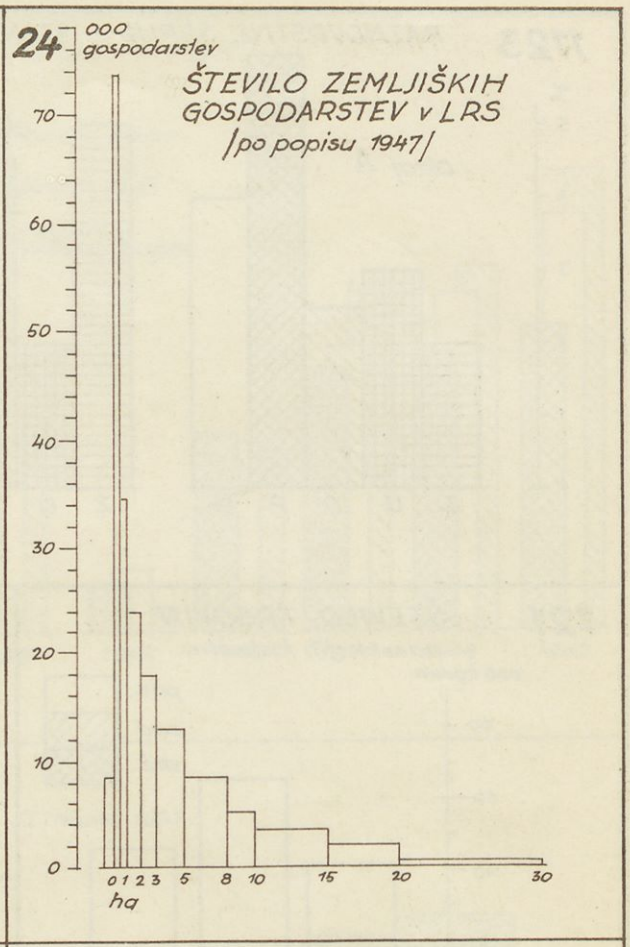
21 STRUKTURA ŠTEVILA TRGOVIN

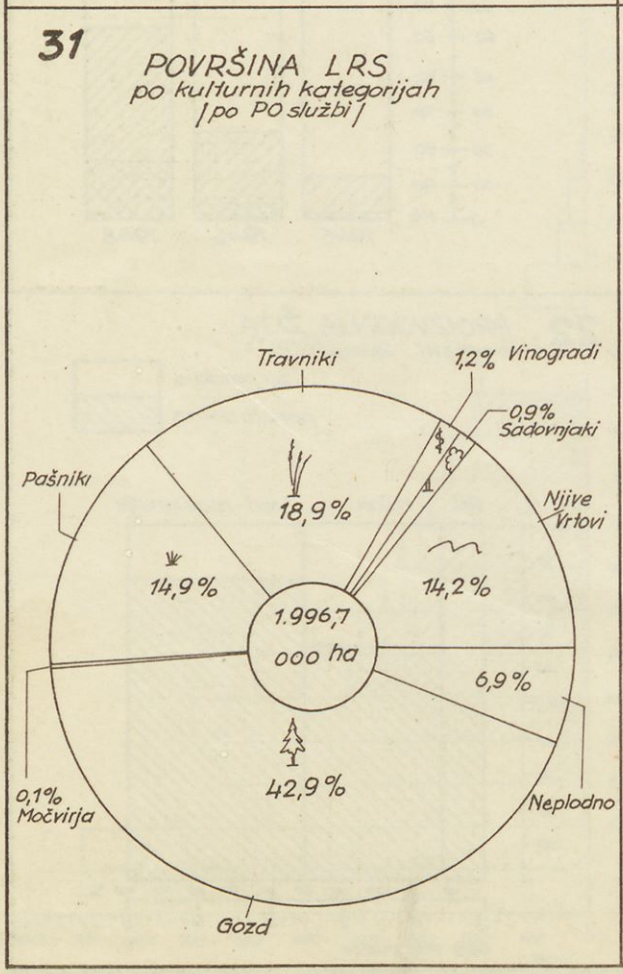


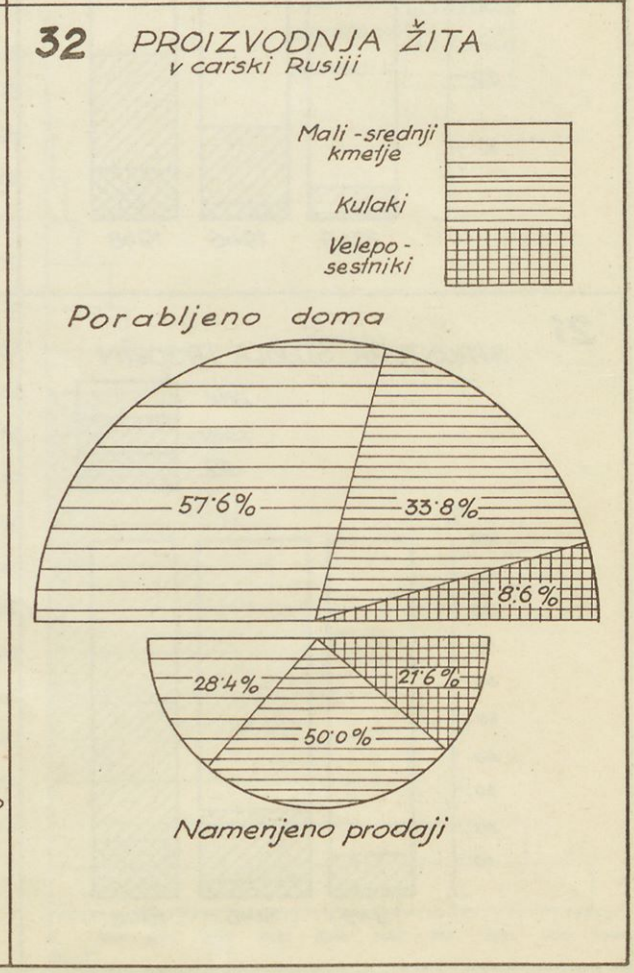
22 PROIZVODNJA ŽITA
v carski Rusiji




23 ŠTEVILO MOTORNIH VOZIL
kapitalističnih držav /1. jan. 1938/
Vozil na 1000 preb.
0
50
100
150
200
ZDA
29,6 mlj
Francija
2,2 mlj
Vel. Britanija
2,3 mlj
Nemčija
1,45 mlj
Italija
0,43 mlj
Japonska
0,17 mlj
a
p
b
a = število prebivalstva
b = štev. mot. vozil na 1 prebivalca
p = število mot. vozil
100 mlj prebivalcev


24
000 gospodarstev
ŠTEVILO ZEMLJIŠKIH GOSPODARSTEV v LRS
/po popisu 1947/
70
60
50
40
30
20
10
0
0 1 2 3 5 8 10 15 20 30
ha


31 POVRŠINA LRS
po kulturnih kategorijah
/po PO službi/
Travniki
1,2% Vinogradi
0,9% Sadovnjaki
Pašniki
Njive Vrtovi
18,9%
14,9%
14,2%
1.996,7 000 ha
6,9%
42,9%
0,1% Močvirja
Neplodno
Gozd

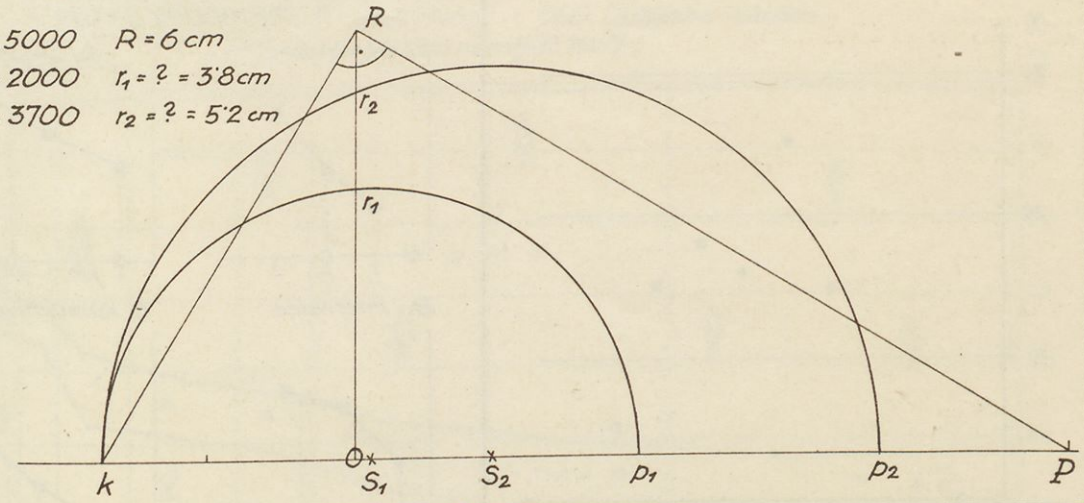

32 PROIZVODNJA ŽITA
v carski Rusiji
Mali - srednji kmetje
Kulaki
Velepo-sestniki
Porabljeno doma
57·6%
33·8%
8·6%
28·4%
21·6%
50·0%
Namenjeno prodaji

33 PROPORCIONALNI KROGI

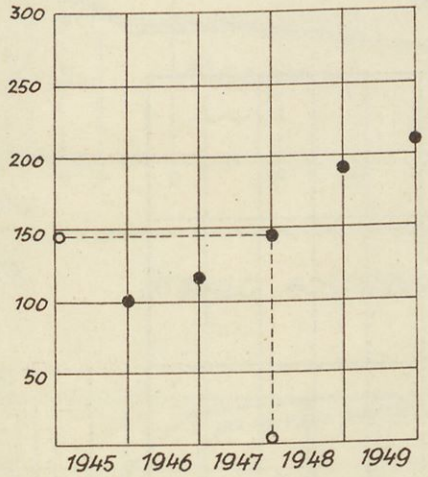
$P = 5000$ $R = 6\,cm$

$p_1 = 2000$ $r_1 = ? = 3{\cdot}8\,cm$

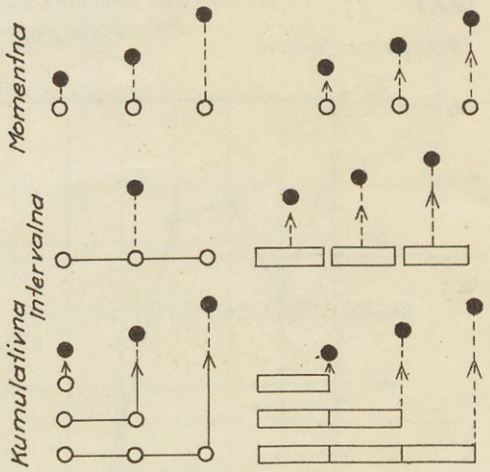
$p_2 = 3700$ $r_2 = ? = 5{\cdot}2\,cm$



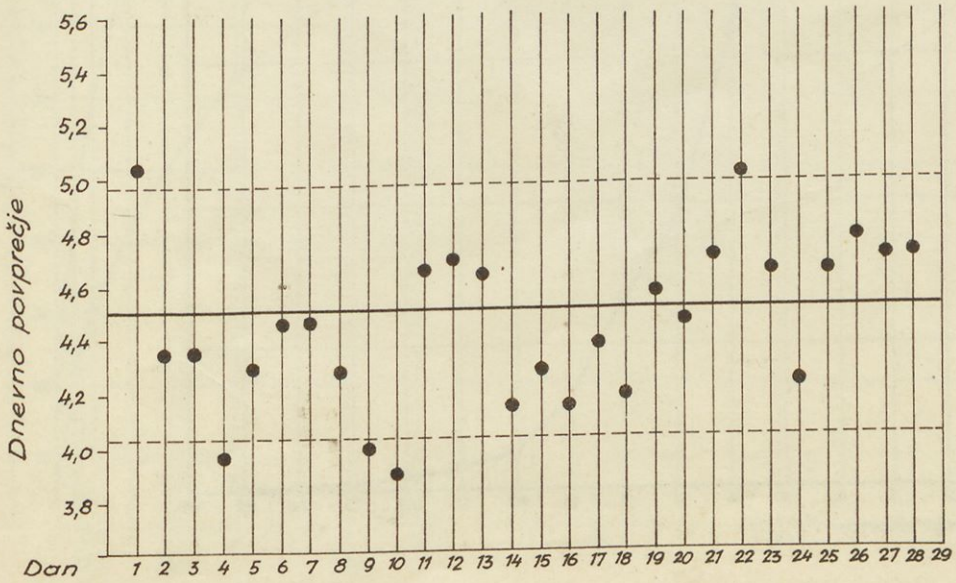
40 RISANJE IN ČITANJE TOČK



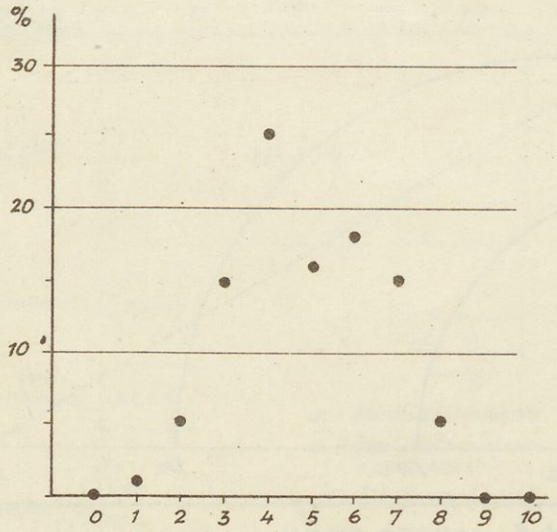
41 MESTO TOČK



42 KONTROLNI TRAK

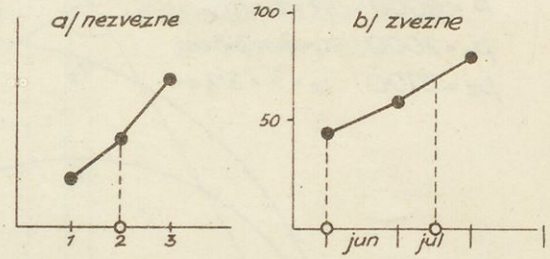


42 FREKVENČNA DISTRIBUCIJA

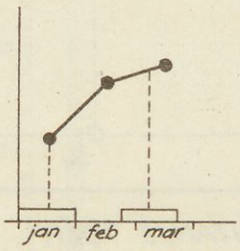


50 POMEN VREDNOSTI KRIVULJE

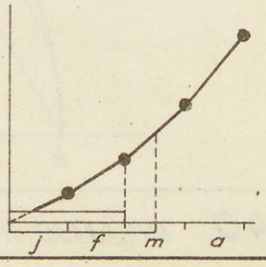
A. Momentne serije



B. Intervalne



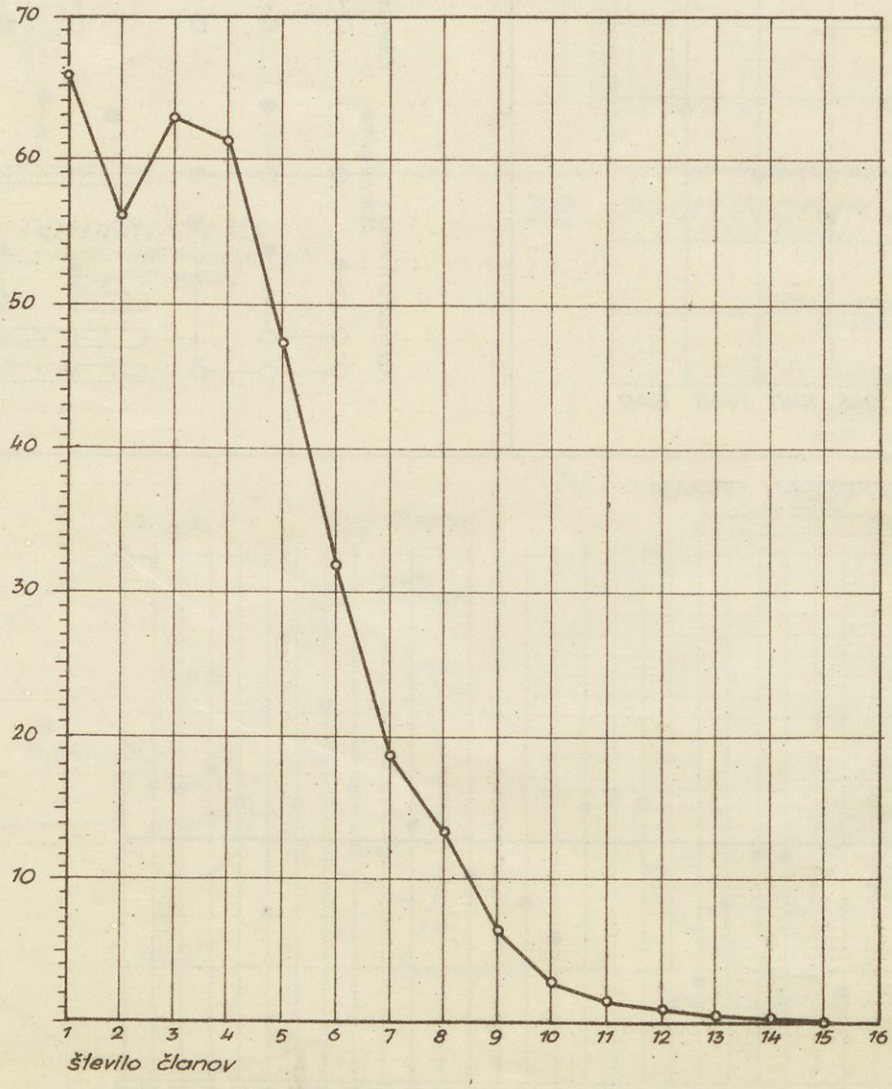
C. Kumulativne



511 ŠTEVILO GOSPODINJSTEV v LRS

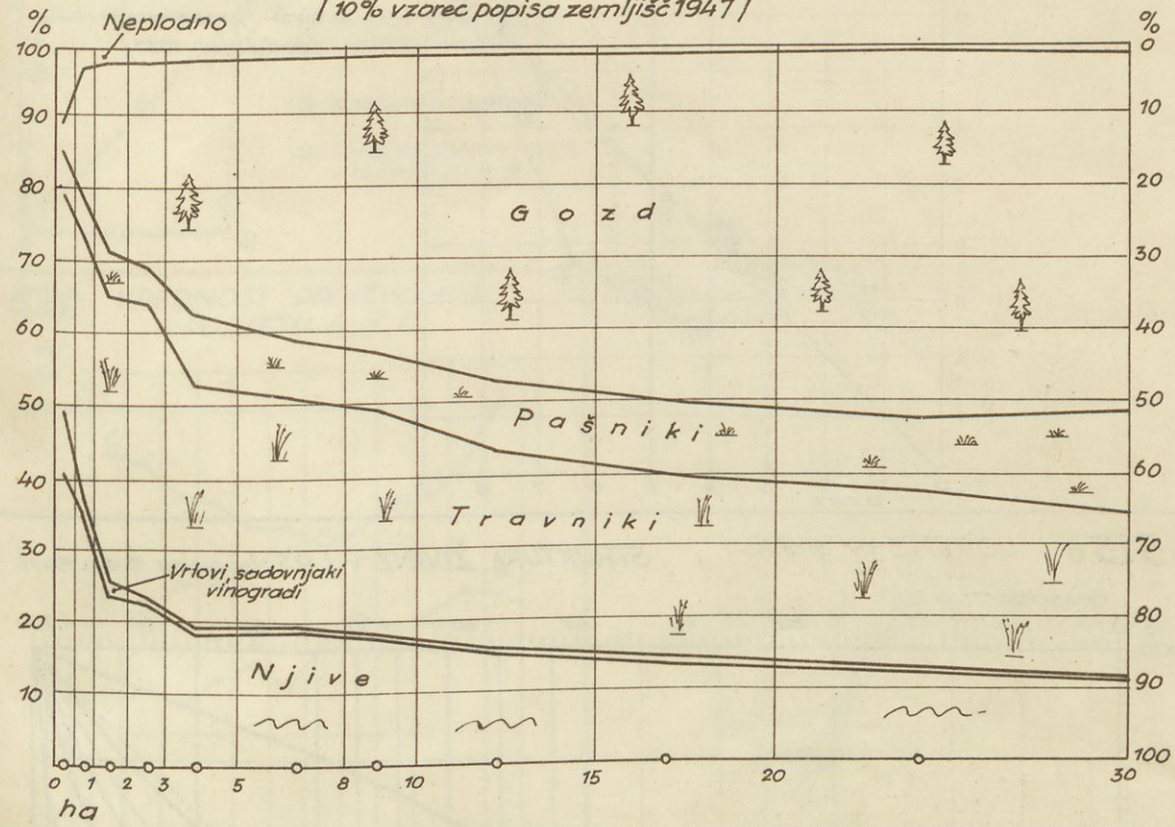
2% vzorec popisa prebivalstva 1948

000 gospodinjstev



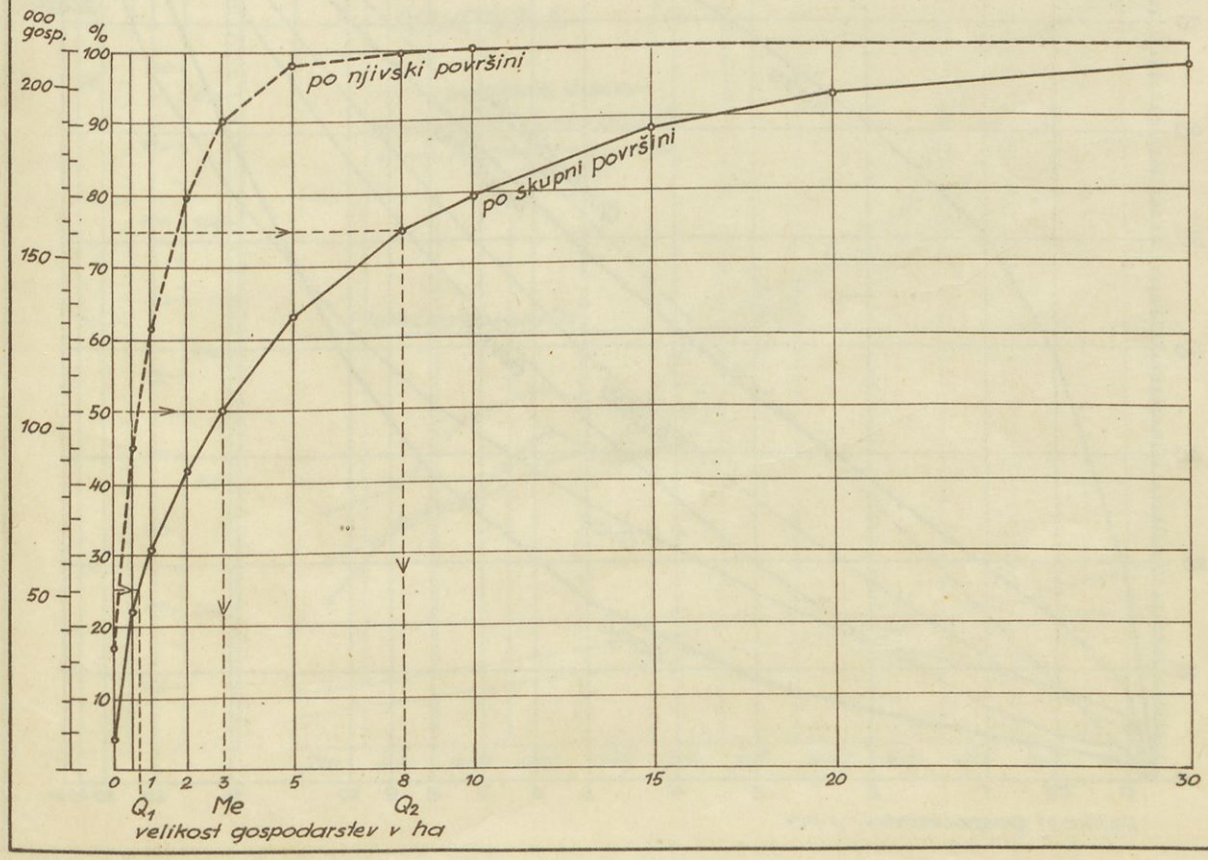
512 STRUKTURA POVRŠIN PO KULTURNIH KATEGORIJAH PO VELIKOSTNIH SKUPINAH - OLO Ljubljana-okolica

/10% vzorec popisa zemljišč 1947/

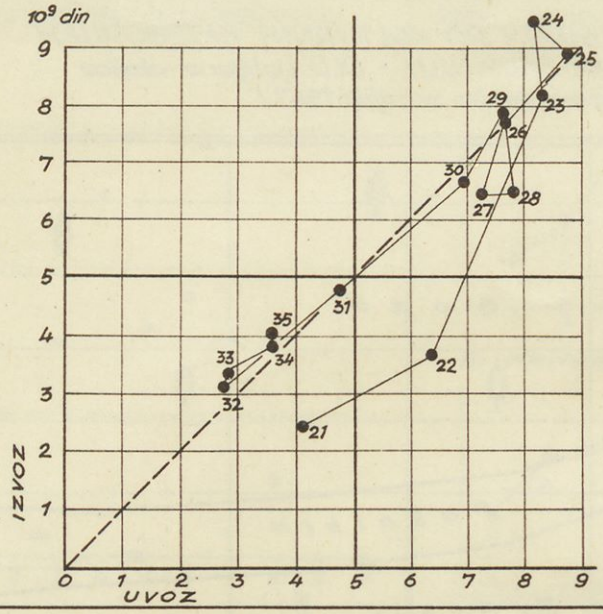


513 ŠTEVILO GOSPODARSTEV v LRS PO VELIKOSTNIH SKUPINAH

/po popisu 1947/

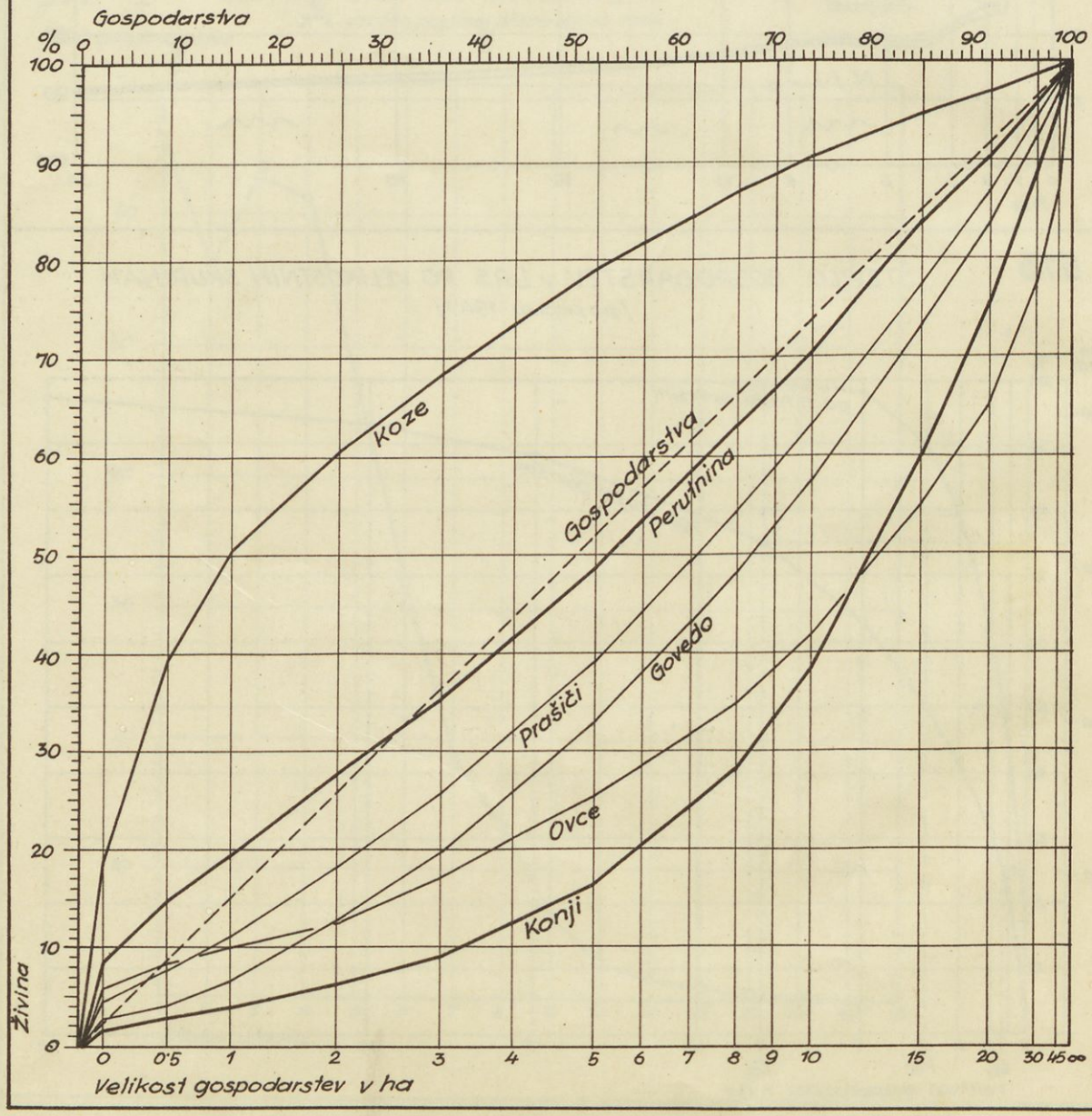


514

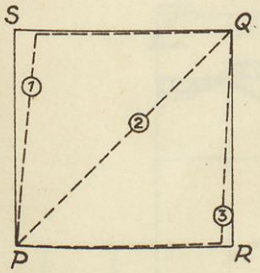


UVOZ IN IZVOZ
v bivši Jugoslaviji
/Godišnjak 1937/

515a LORENZ-ov grafikon. STRUKTURA ŽIVINE v LRS /po popisu 15. dec. 1947/



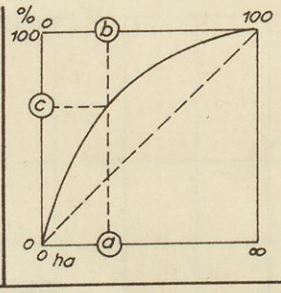
515 b ČITANJE LORENZ-ovih GRAFIKONOV



① Skrajna koncentracija v najnižji skupini

② Enakomerna razdelitev

③ Skrajna koncentracija v najvišji skupini

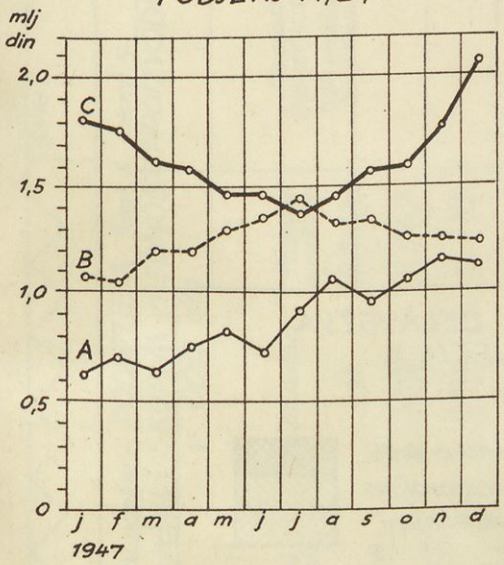


a/ Absolutna velikost osnovne serije

b/ Kumulativen % osnovne serije

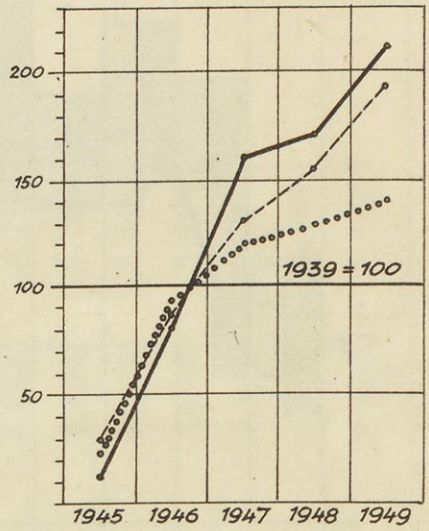
c/ Kumulativen % druge serije

521 VREDNOST PROIZVODNJE PODJETIJ A, B, C

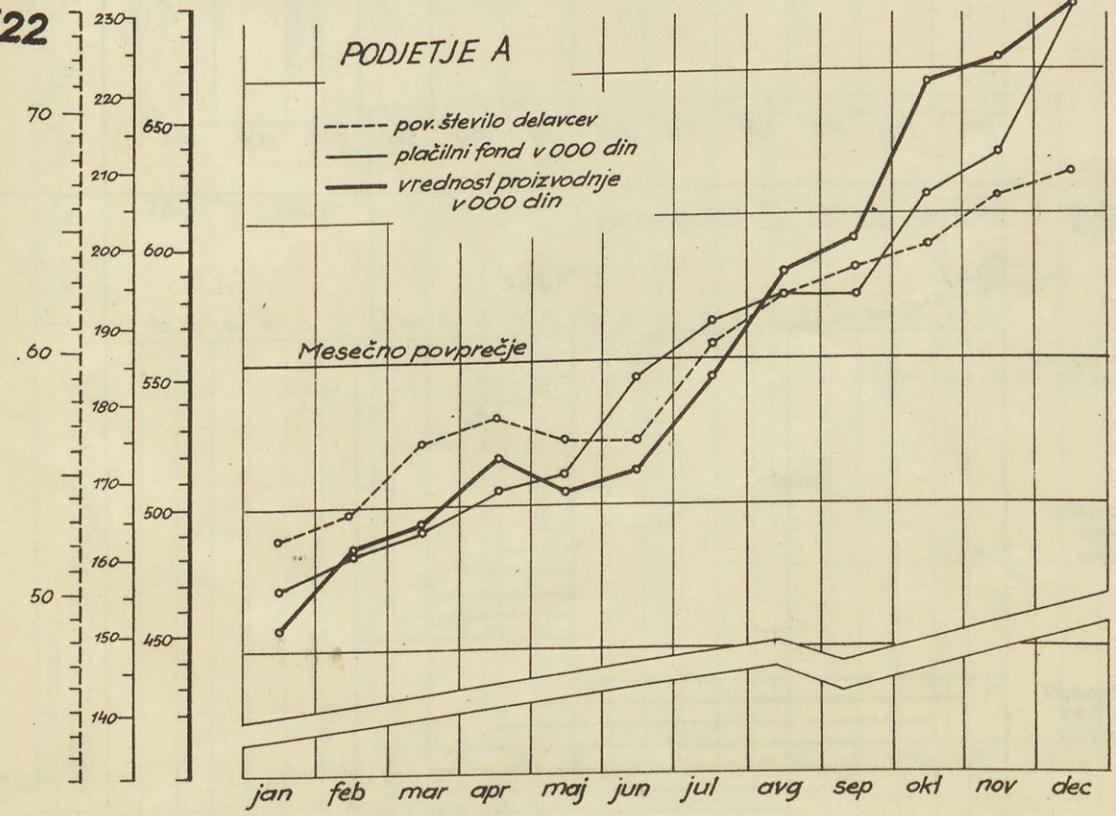


523 PROIZVODNJA v FLRJ

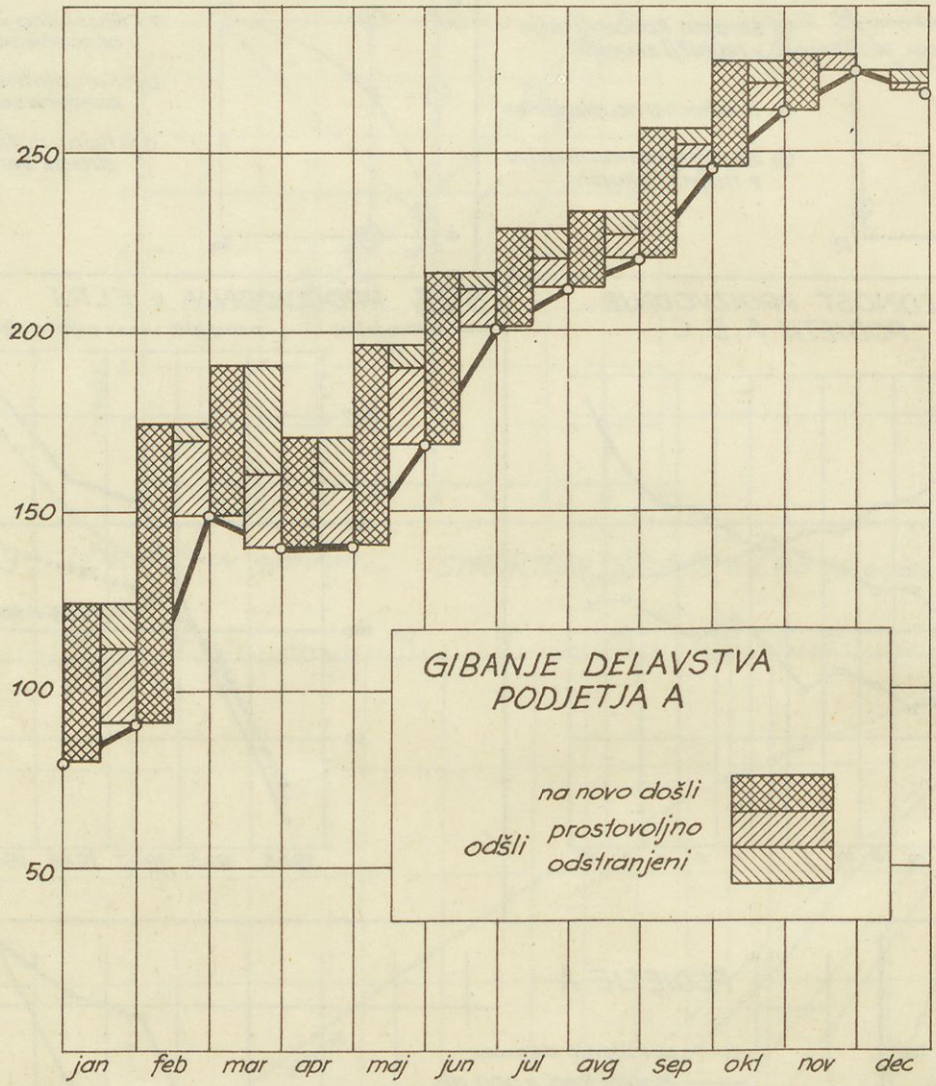
surovo železo ---- surovo jeklo ••••• valjana-vlečena roba



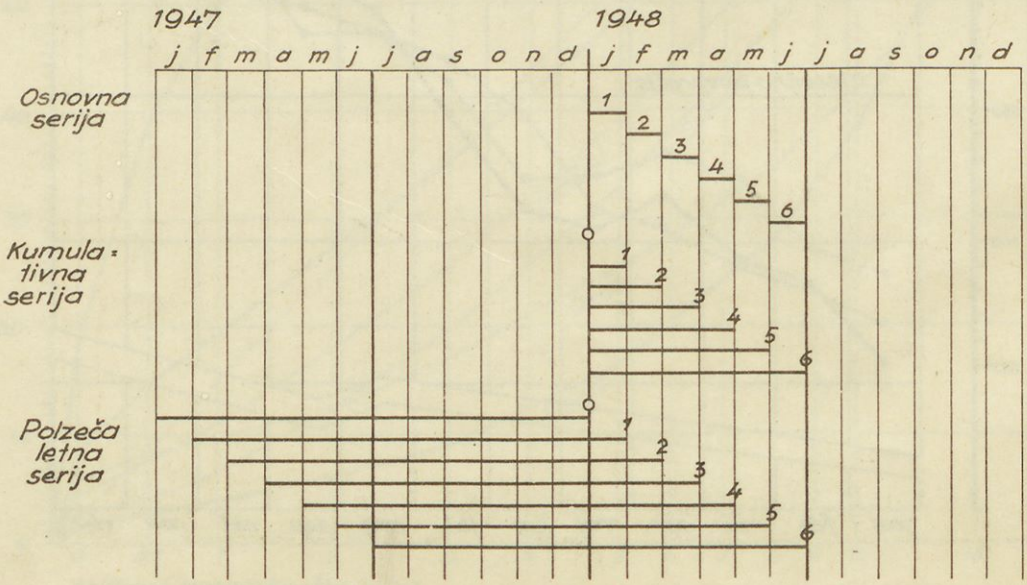
522



524 BRUNSMANN-ov grafikon



525 SHEMA SERIJ Z-diagrama



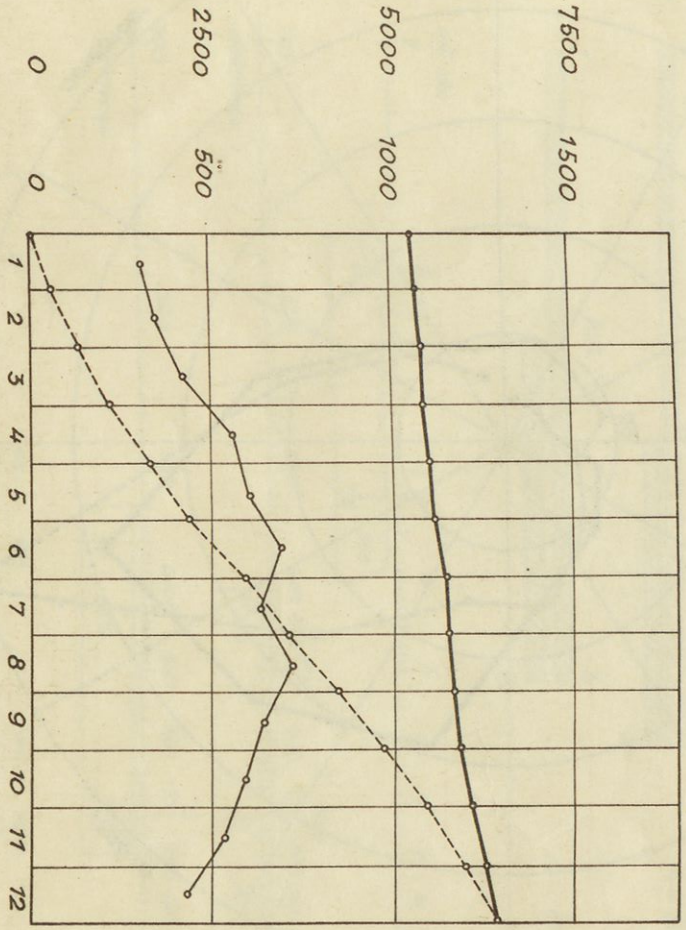
525

Z - diagram : 1/2 prave velikosti

Kratek naziv:
PROIZVODNJA PODJETJA A

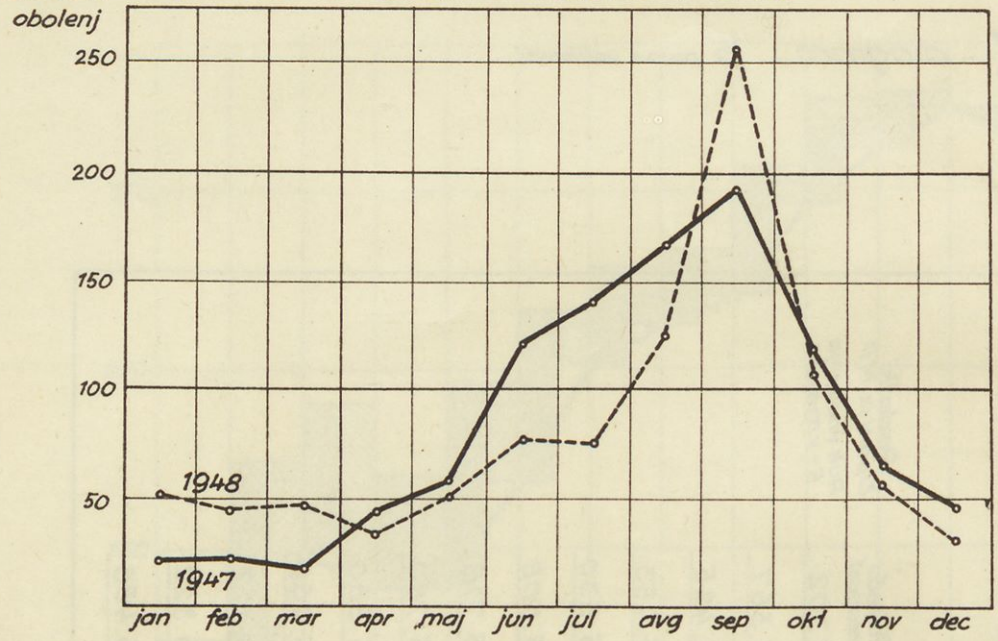
Šifra: 001

Celotni naslov: PODJETJE A kraj x okraj y
Pokazatelj: SKUPNA VREDNOST PROIZVODNJE
v 000 din



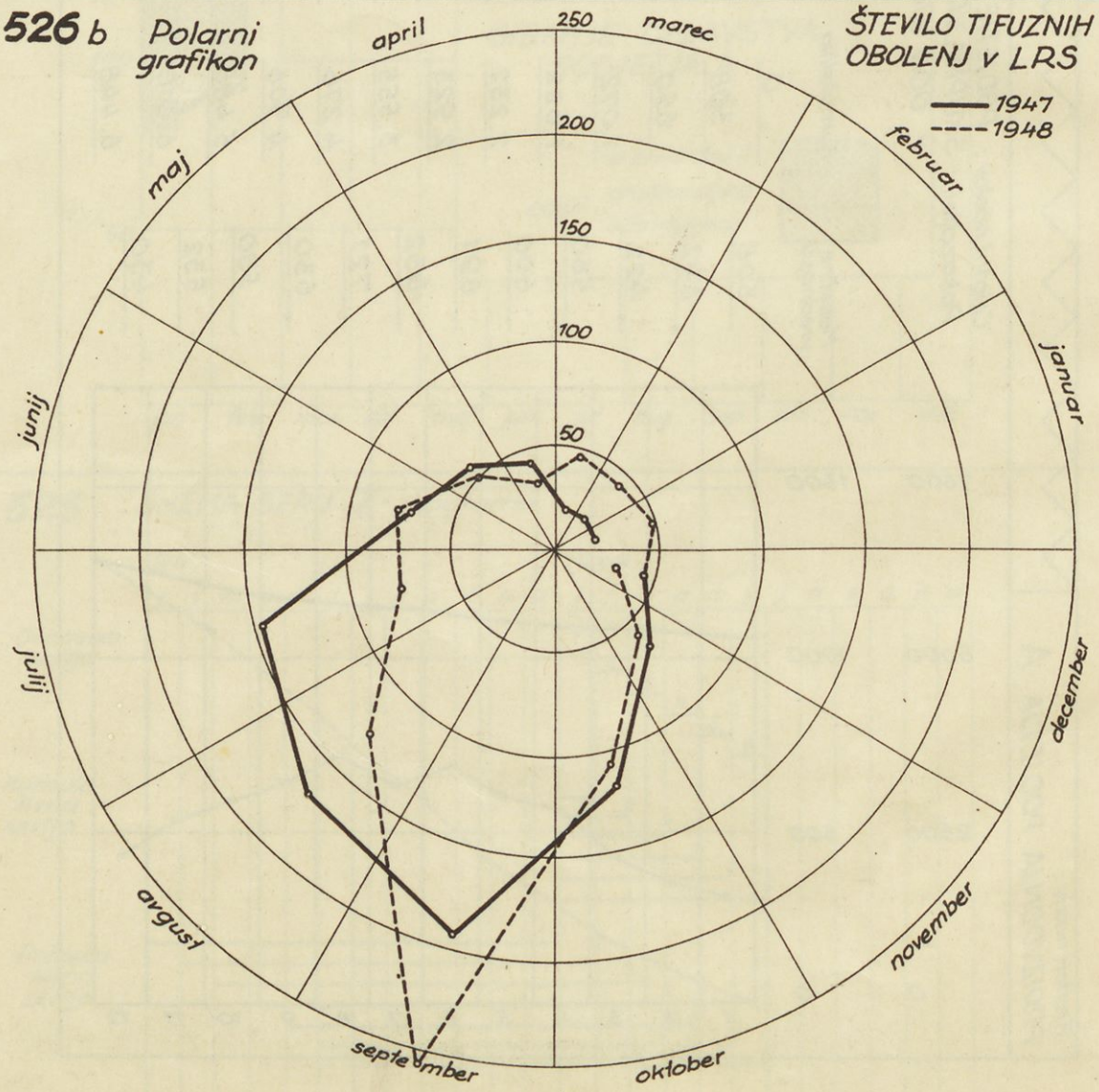
Mesečne vrednosti	Kumulativa	Polzeča vrednost	Podatki črpani iz MP Rok vnašanja 5-v mesecu
	0	5.302	
308	308	5.367	
342	650	5.425	
422	1.072	5.453	
560	1.632	5.530	
600	2.232	5.608	
691	2.923	5.718	
632	3.555	5.760	
721	4.276	5.860	
630	4.906	5.969	
580	5.486	6.117	
532	6.018	6.322	
430	6.448	6.488	

526a ŠTEVILO TIFUZNIH OBOLENJ v LRS



526b Polarni grafikon

ŠTEVILO TIFUZNIH OBOLENJ v LRS



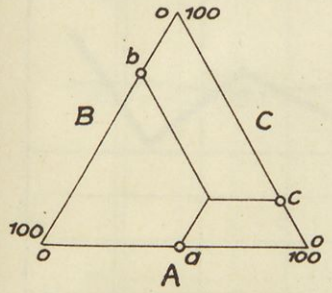
527 STRUKTURA V TRIKOTNIKU

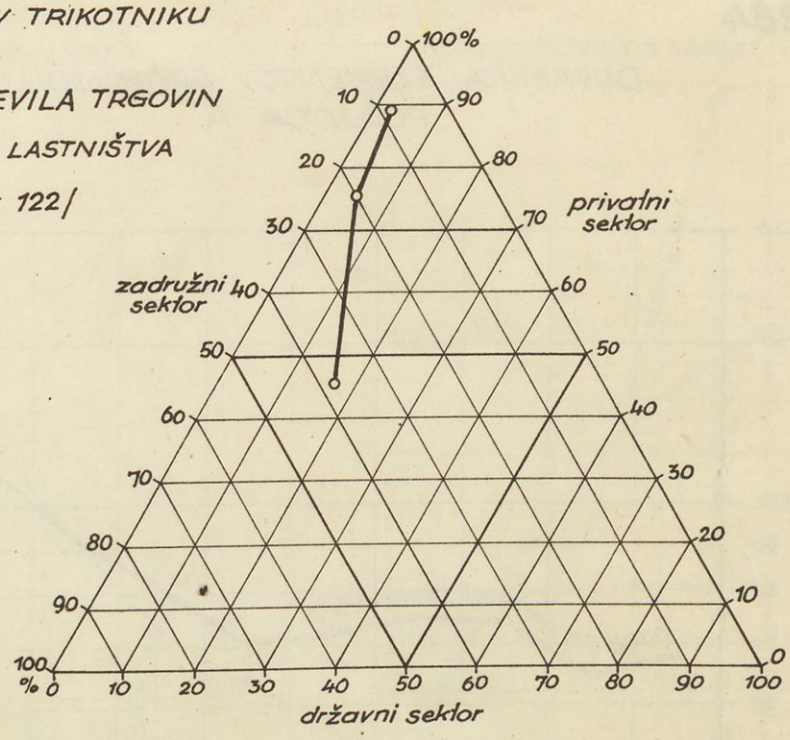
STRUKTURA ŠTEVILA TRGOVIN

PO SEKTORJIH LASTNIŠTVA

/ Primer iz 122 /

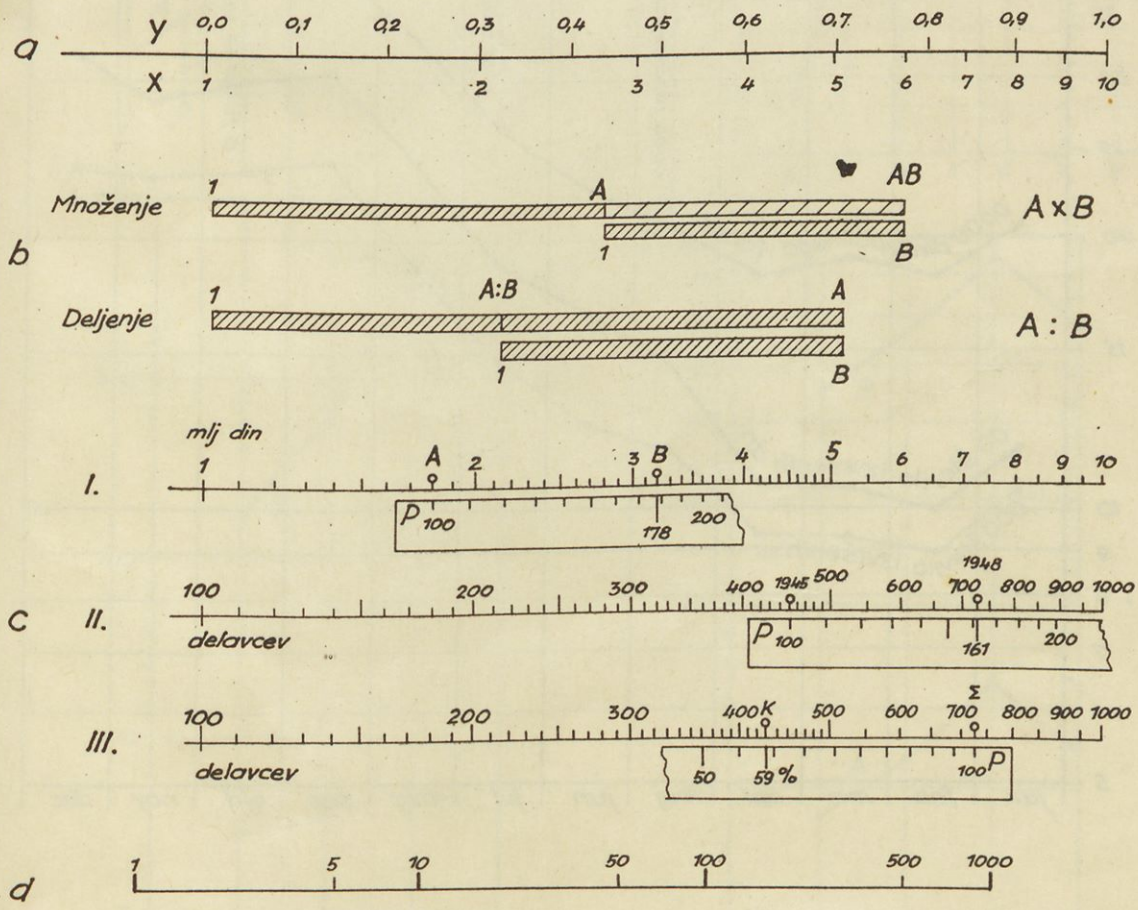
Čitanje :





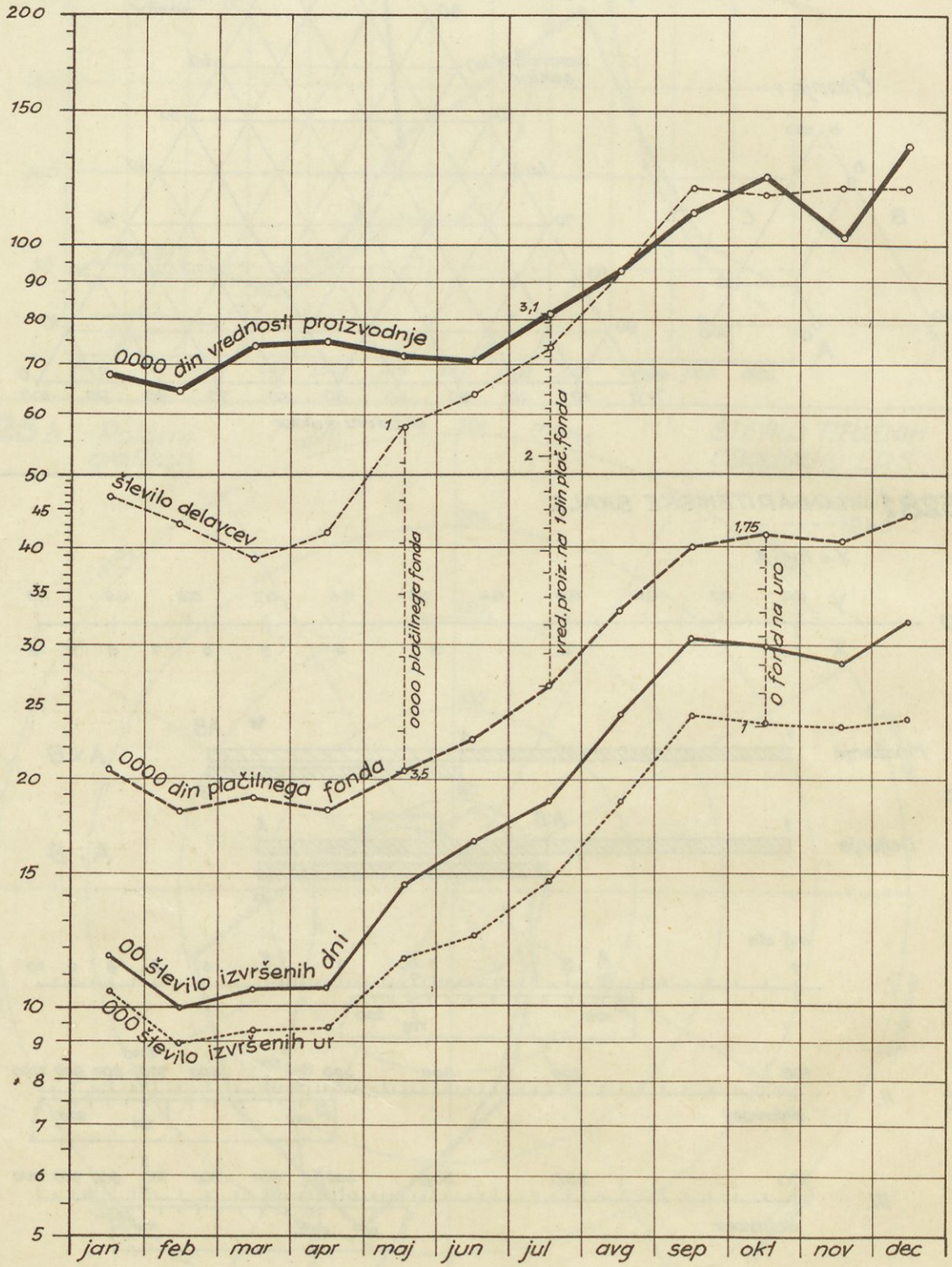
5281 LOGARITEMSKE SKALE

$y = \log x$



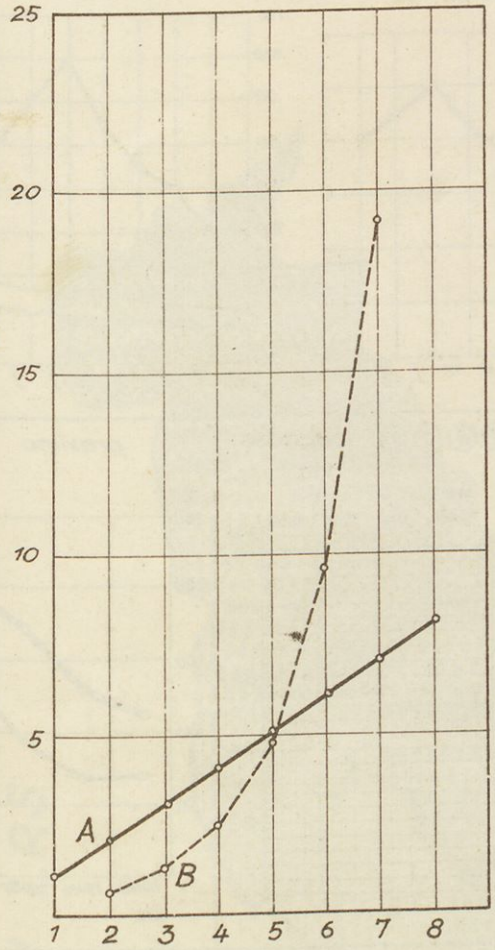
5284

DINAMIKA ELEMENTOV PROIZVODNJE
PODJETJA A

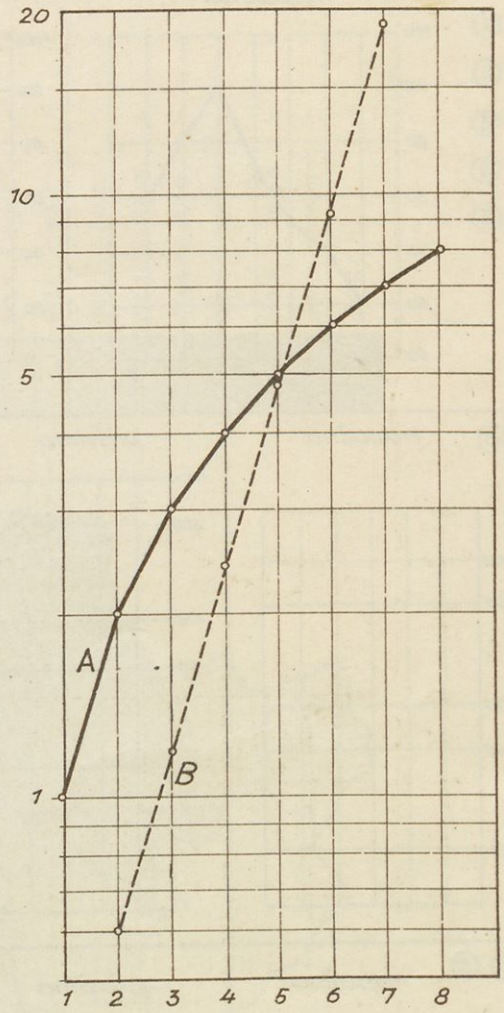


5285 OBLIKE KRIVULJ

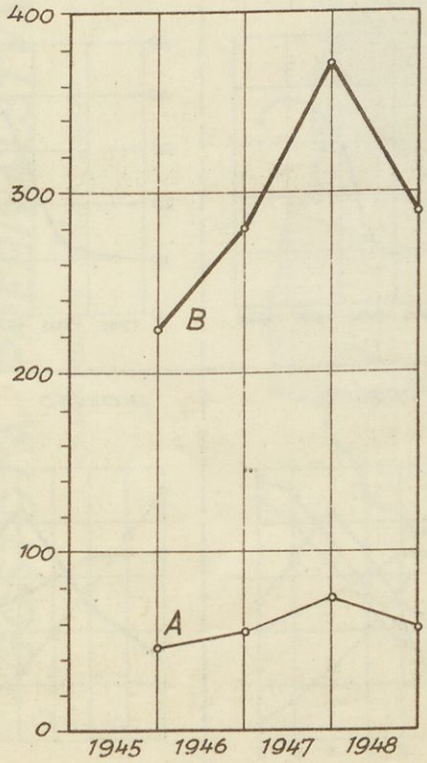
a/ aritmetična skala



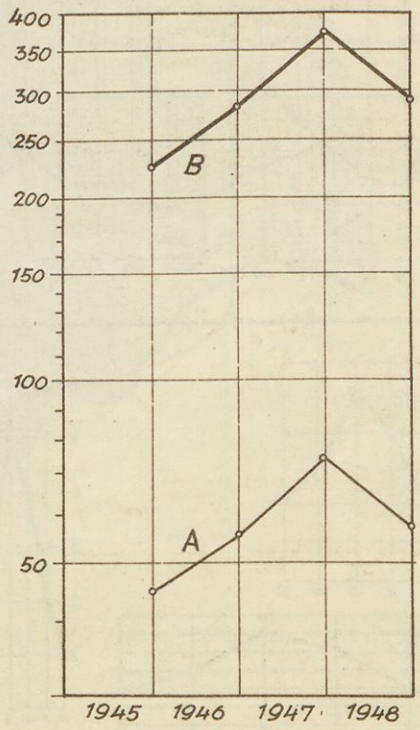
b/ logaritmična skala



c/



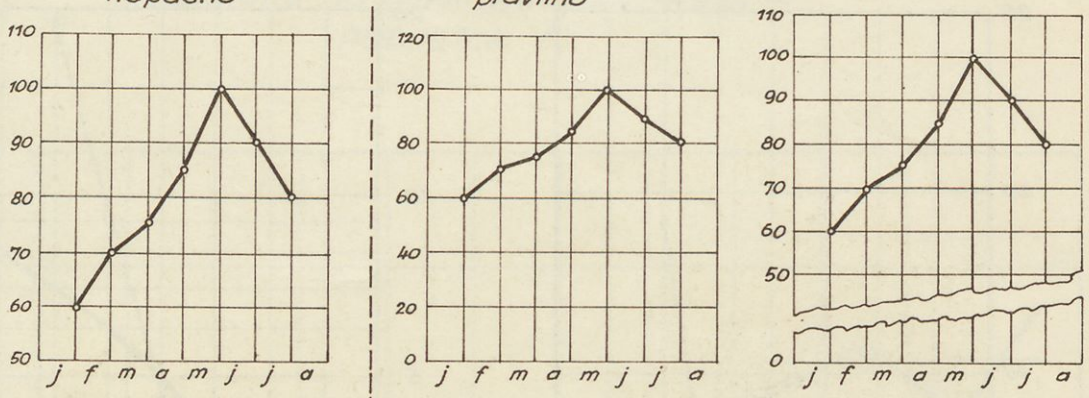
d/



53 PRAVILA ZA RISANJE LINIJSKIH DIAGRAMOV

napačno — pravilno

① ② ③ ④ ⑤



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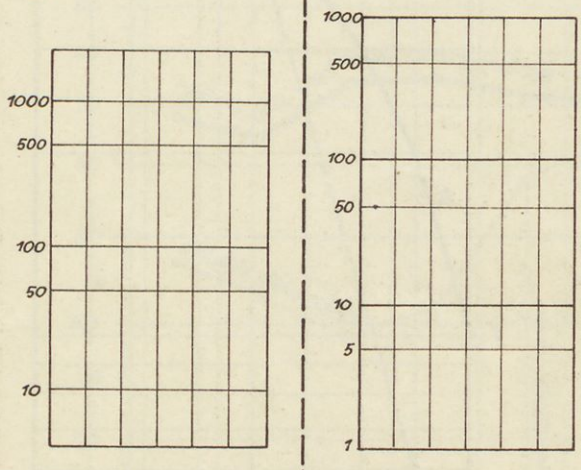
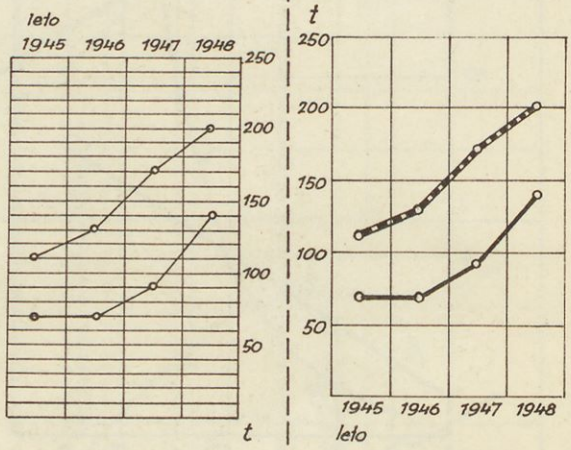


⑦ ⑧ ⑨ ⑩ napačno — pravilno



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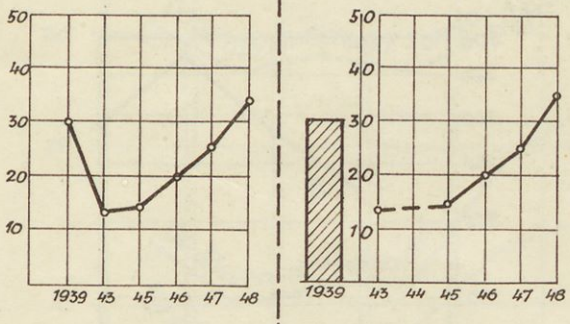

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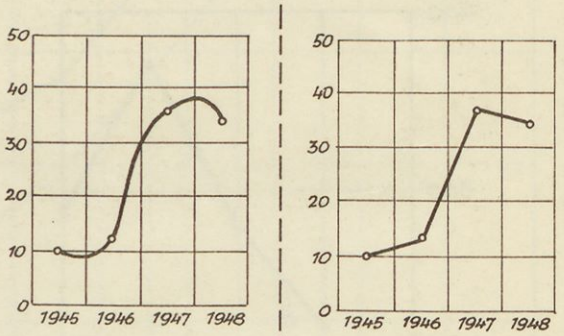

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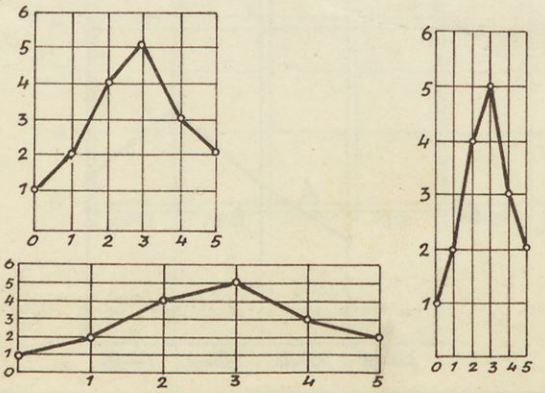

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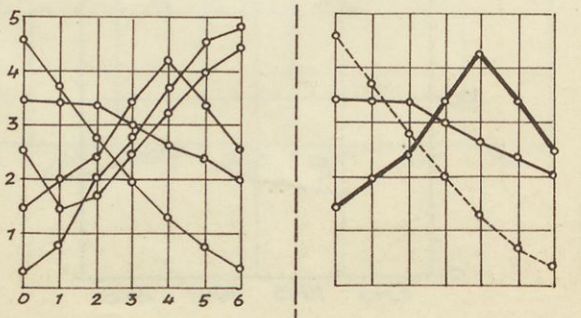
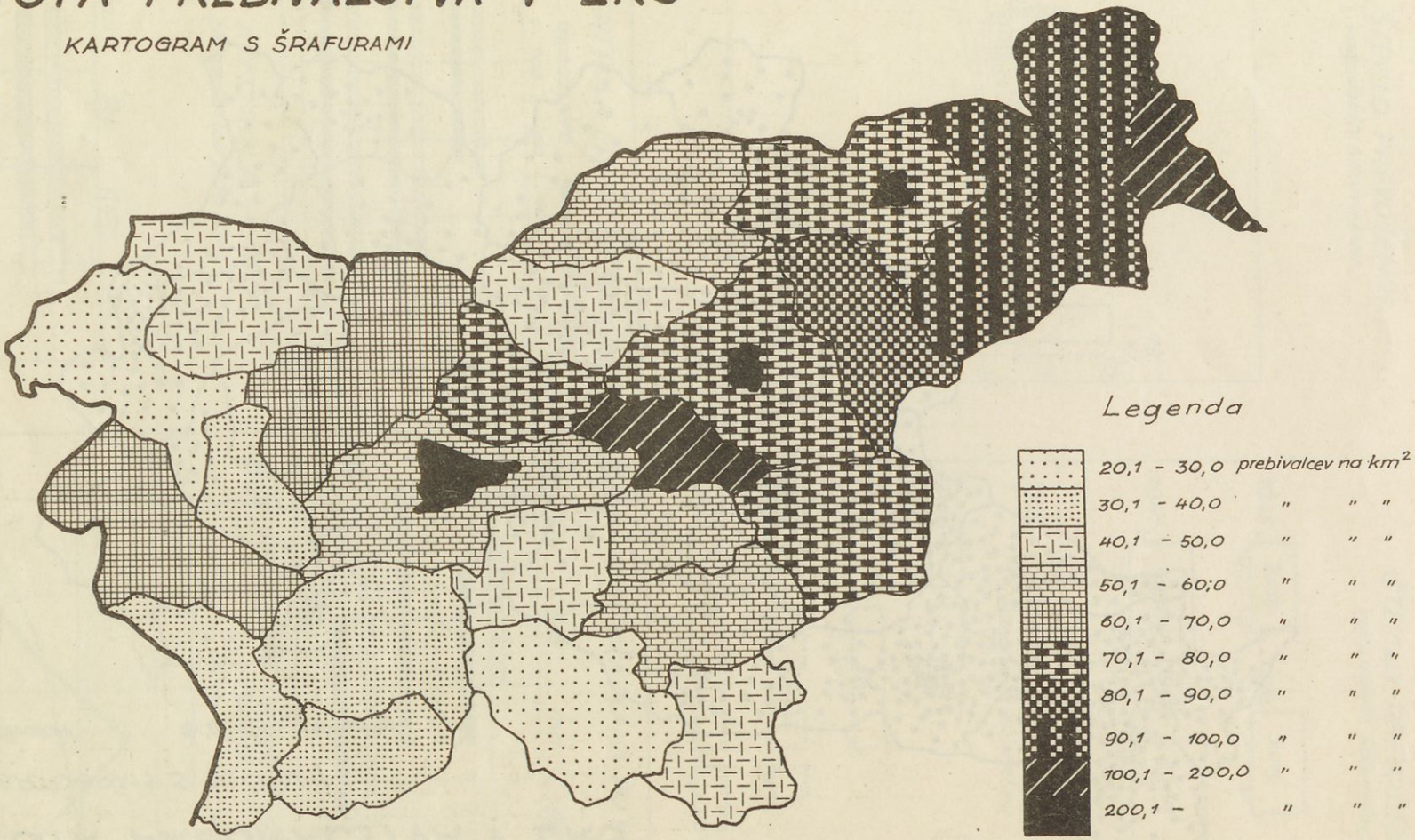


GOSTOTA PREBIVALSTVA V LRS

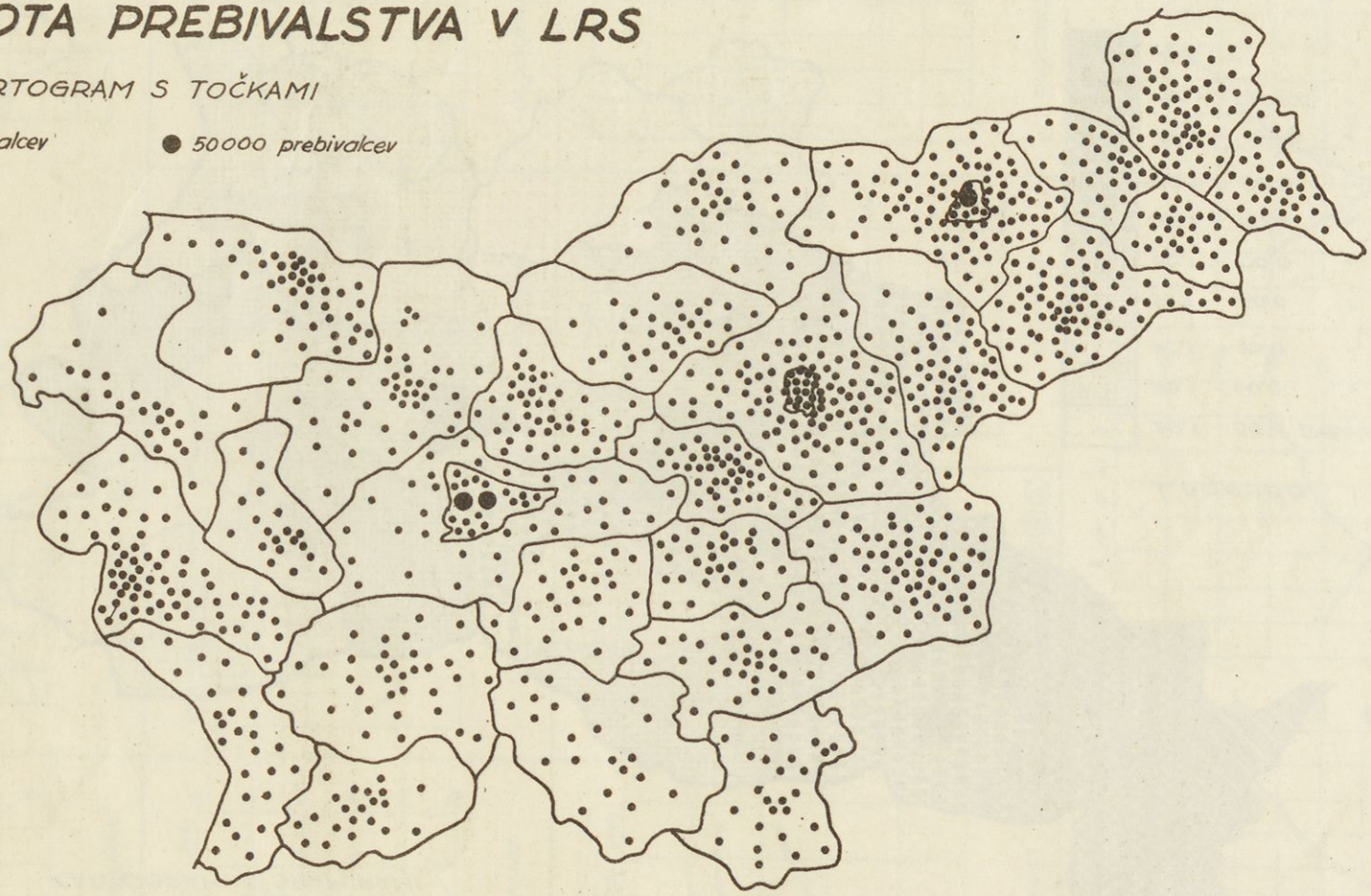
KARTOGRAM S ŠRAFURAMI



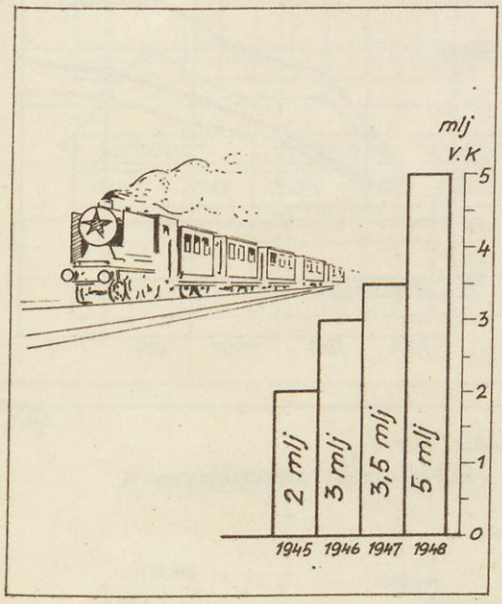
GOSTOTA PREBIVALSTVA V LRS

KARTOGRAM S TOČKAMI

• 1000 prebivalcev ● 50000 prebivalcev



71a ŠTEVILO PREVOŽENIH vagonskih kilometrov



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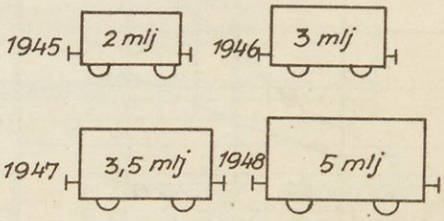

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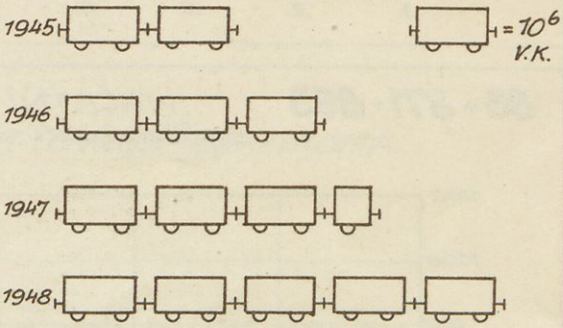
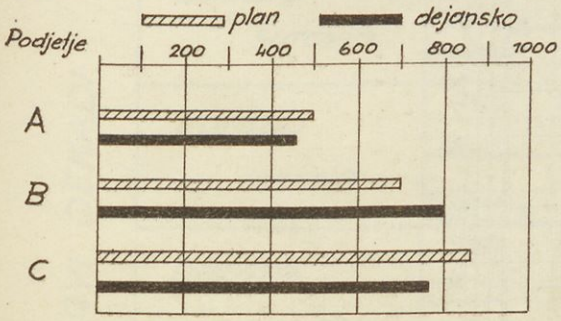
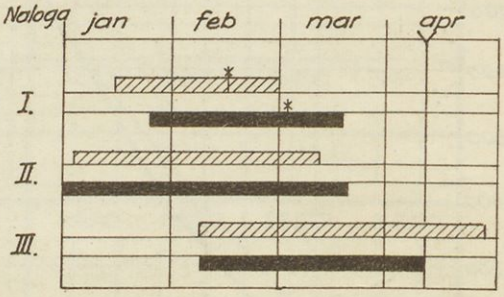


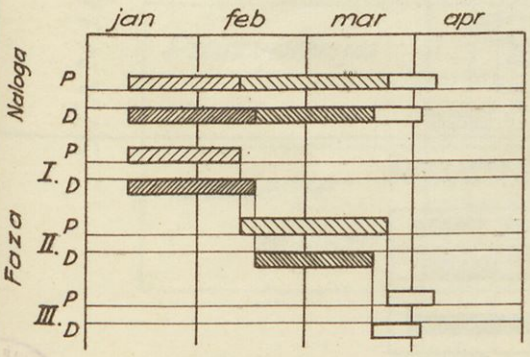
82 KONTROLA PLANA PO KOLIČINI



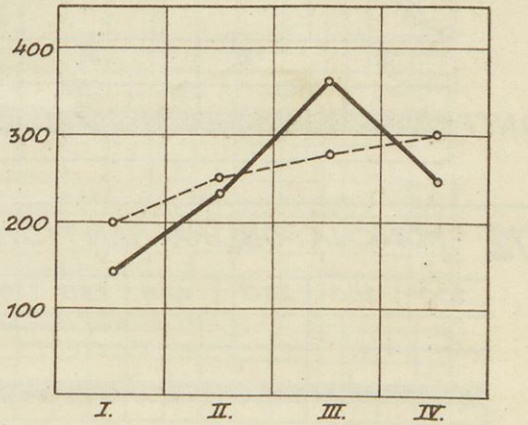
83a KONTROLA PLANA PO ROKIH



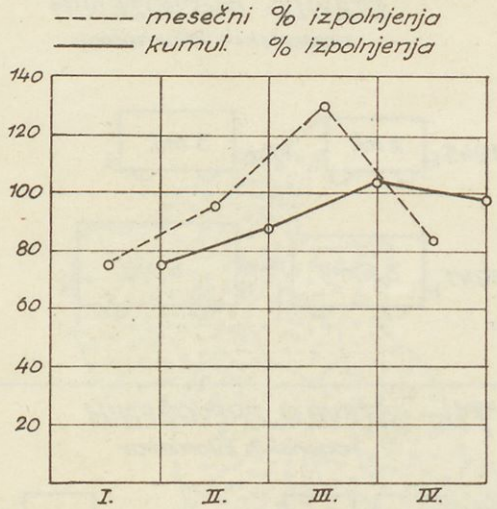
83b KONTROLA PLANA po rokih za faze dela



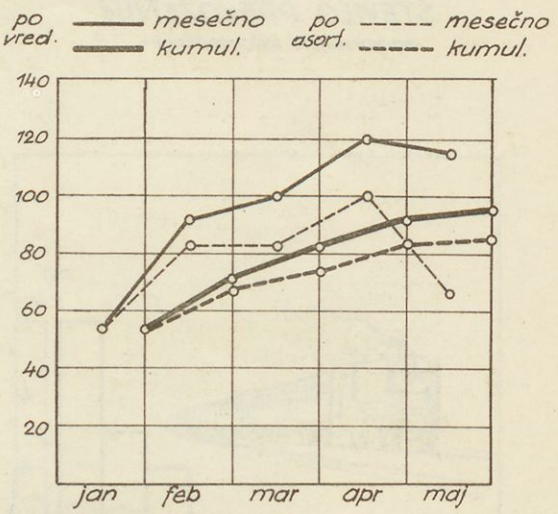
84 RAVNINSKI DIAGRAM KONTROLE PLANA



851 852 PROCENT IZPOLNJENJA

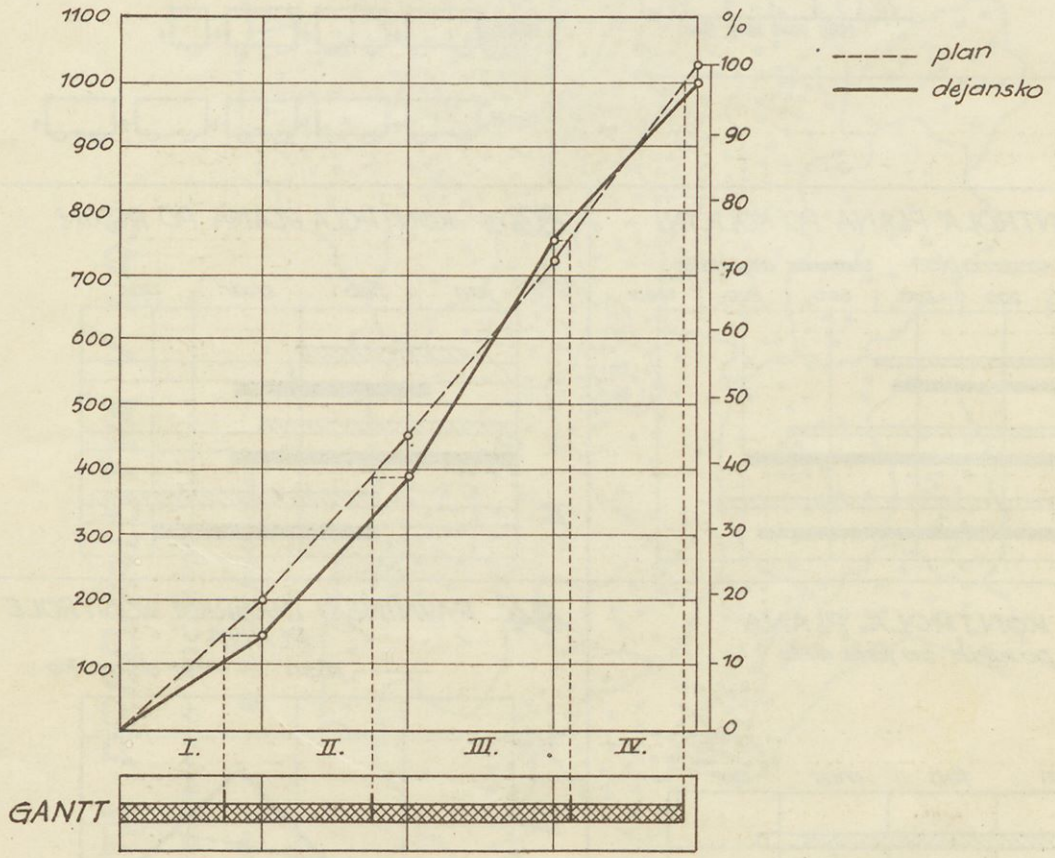


854 IZPOLNJENJE PLANA po asortimentu

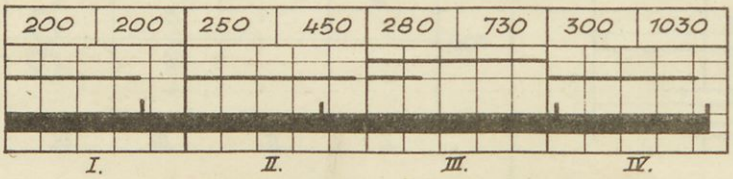


86 + 871 + 853 NAČRTNI TRIKOTNIK

Grafično izračunavanje Gantlovega grafikona



872 KONČNA OBLIKA GANTTOVEGA GRAFIKONA



873 POSEBNOSTI KONSTRUKCIJE GANTTOVEGA GRAFIKONA

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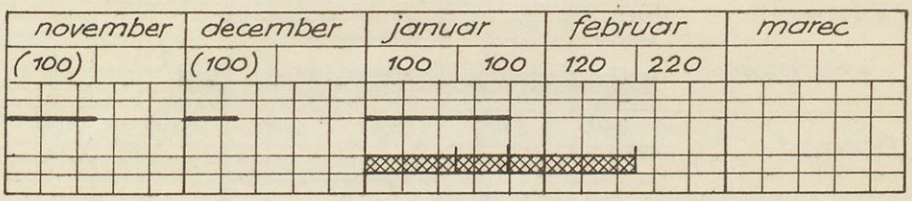

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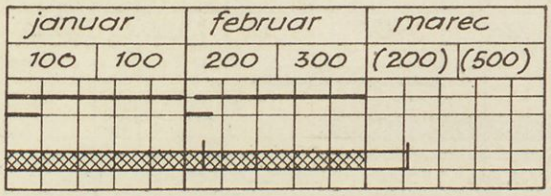

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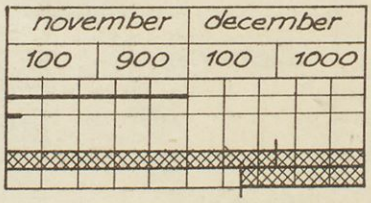
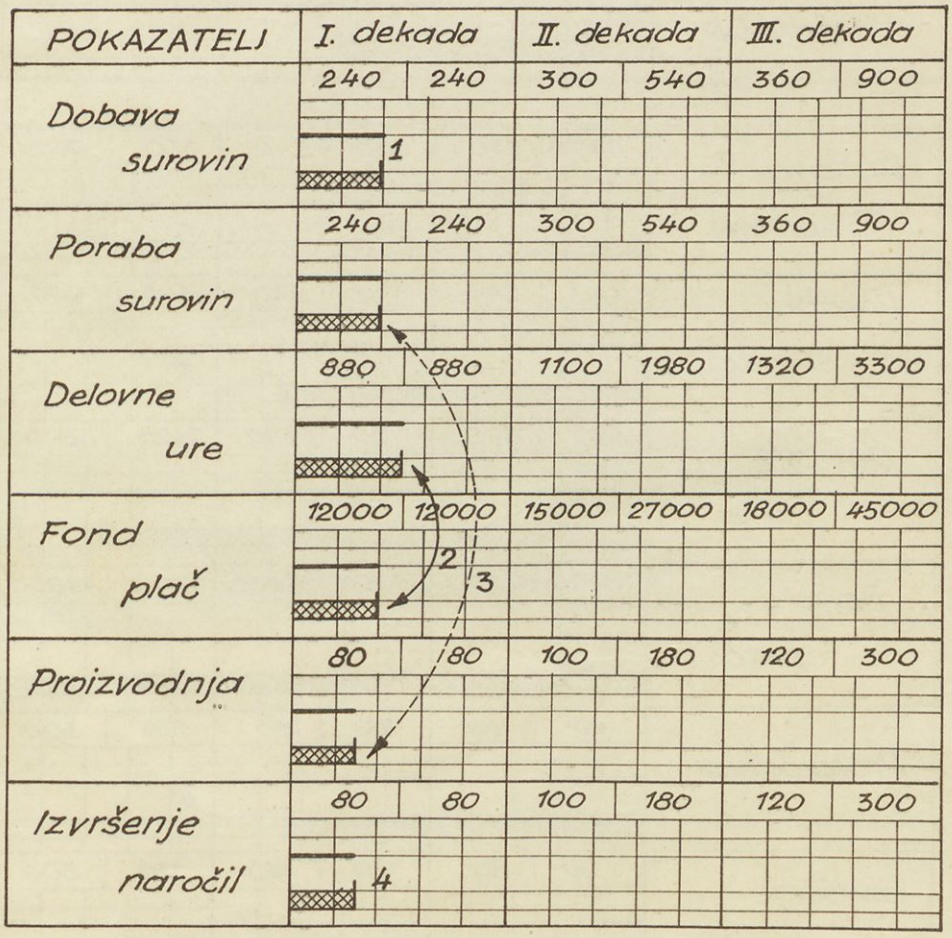


874

ANALIZA S POMOČJO GANTTOVEGA GRAFIKONA

STANJE PO PRVI DEKADI



874

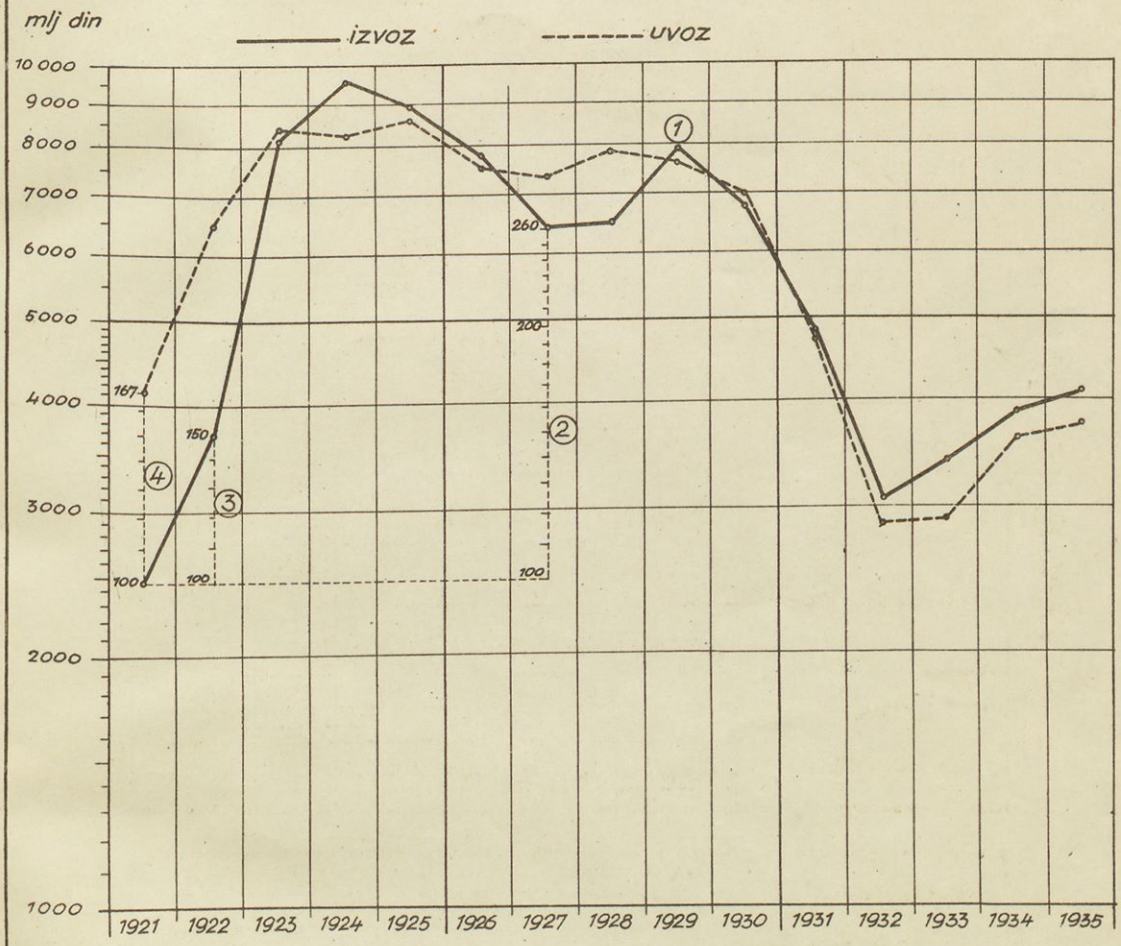
STANJE PO DRUGI DEKADI

POKAZATELJ	I. DEKADA		II. DEKADA		III. DEKADA	
Dobava surovin	240	240	300	540	360	900
Poraba surovin	240	240	300	540	360	900
Delovne ure	880	880	1100	1980	1320	3300
Fond plač	12000	12000	15000	27000	18000	45000
Proizvodnja	80	80	100	180	120	300
Izvršenje naročil	80	80	100	180	120	300

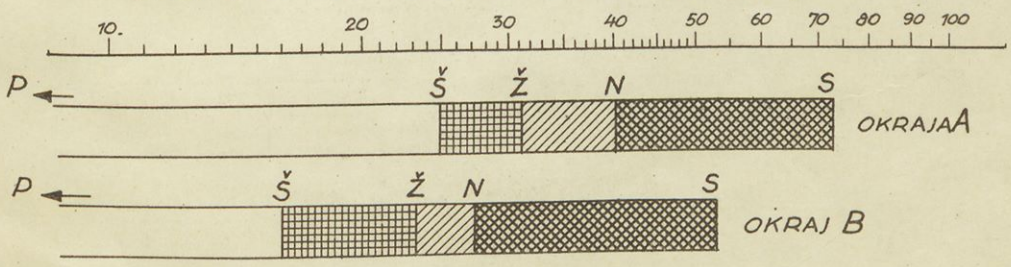
STANJE PO TRETJI DEKADI

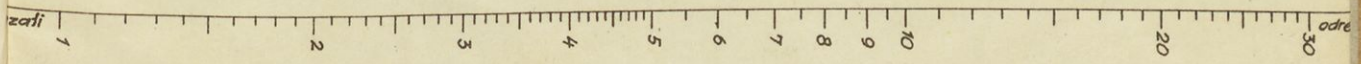
Dobava surovin	240	240	300	540	360	900
Poraba surovin	240	240	300	540	360	900
Delovne ure	880	880	1100	1980	1320	3300
Fond plač	12000	12000	15000	27000	18000	45000
Proizvodnja	80	80	100	180	120	300
Izvršenje naročil	80	80	100	180	120	300

5282 ZUNANJA TRGOVINA V BIVŠI JUGOSLAVIJI



LOGARITMIČNA - GEOMETRIJSKA STRUKTURA





Premakljiva logaritmična skala

Izdala
Državna založba Slovenije
Za založbo odgovoren:
Jože Kos
Tiskarna Ljudske pravice v Ljubljani