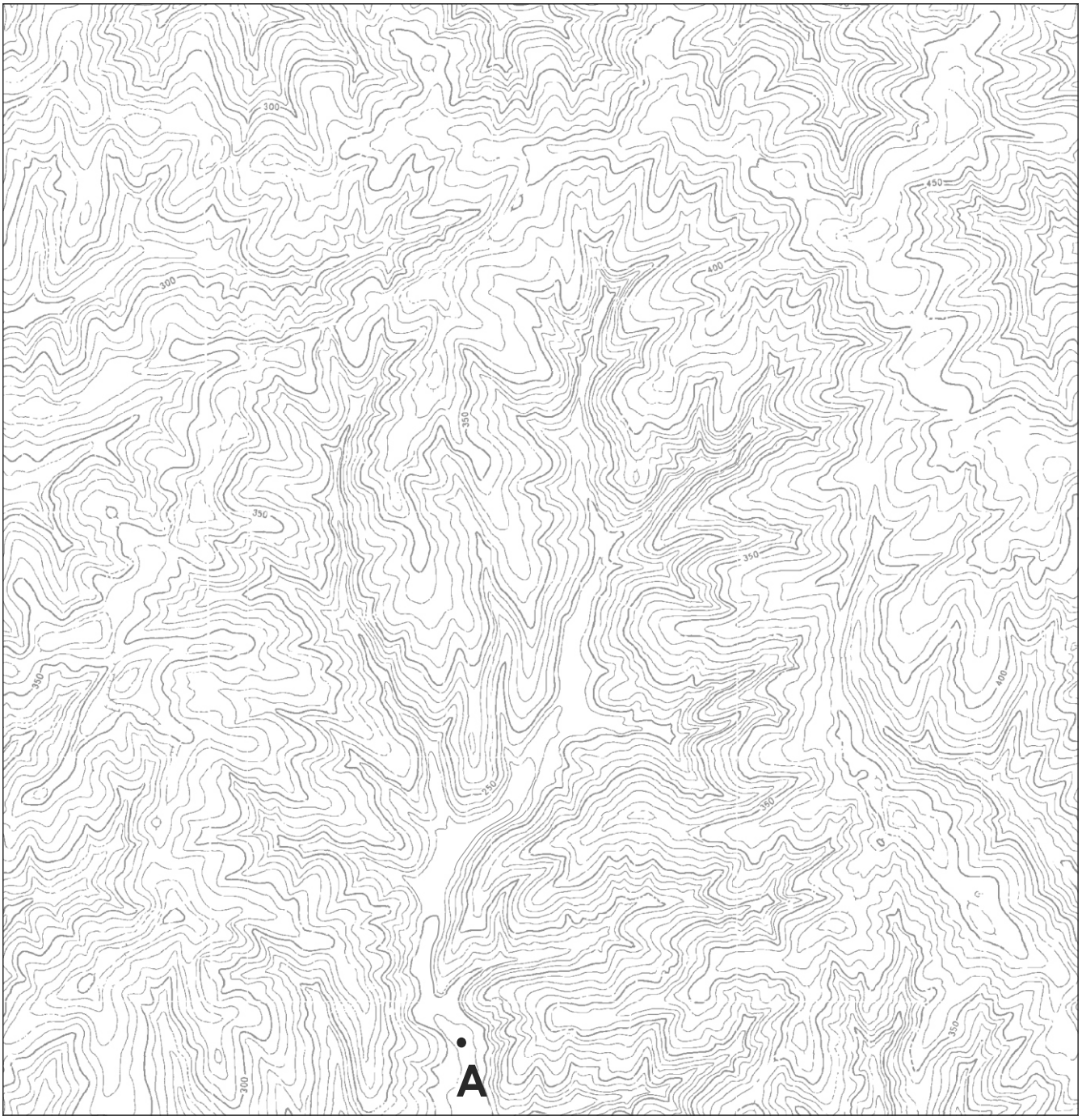
Vježbe iz geomorfologije

VJEŽBA 4

Ime i prezime	Smjer
Potpis	Datum



0 0,25 0,5 1 km

Vježbe iz geomorfologije

VJEŽBA 4 - nastavak

Ime i prezime	Smjer
Potpis	Datum

Drenažni bazen A

H_{max} =

H_{min} =

H =

L =

A = 8,7 km^2

Broj tokova po razredina

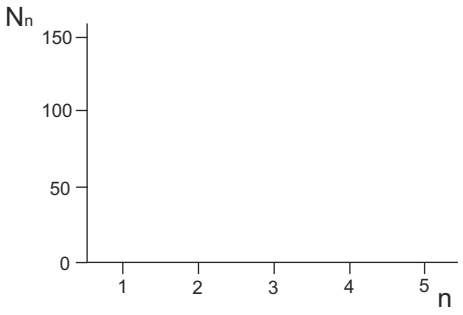
N_1	
N_2	
N_3	
N_4	
N_5	

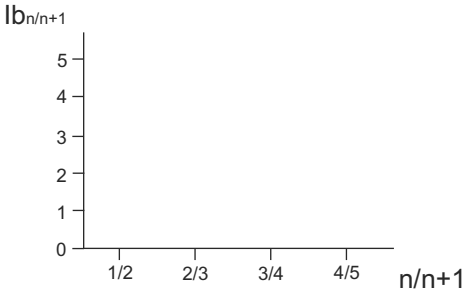
N = (N ukup.)

Indeks bifurkacije

$Ib_{1/2}$	
$Ib_{2/3}$	
$Ib_{3/4}$	
$Ib_{4/5}$	

Ib = (Ib pros.)





Drenažni bazen X

H_{max} =

H_{min} =

H =

L =

A =

Gdm =

Broj tokova

N_1	
N_2	
N_3	

N =

Duljina tokova

L_1	
L_2	
L_3	

L_N =

Indeks bifurkacije

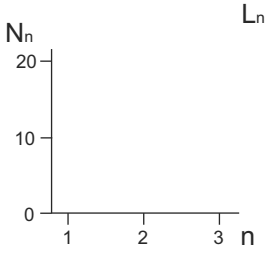
$Ib_{1/2}$	
$Ib_{2/3}$	

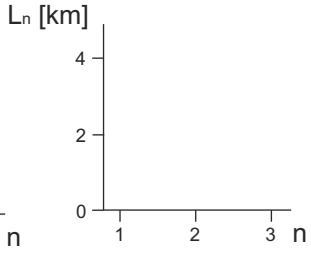
$\overline{Ib}$ =

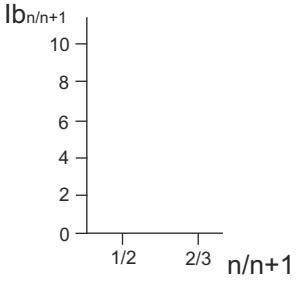
Indeks duljina

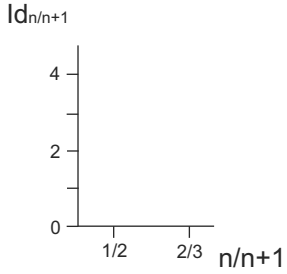
$Id_{1/2}$	
$Id_{2/3}$	

$\overline{Id}$ =









Drenažni bazen Y

H_{max} =

H_{min} =

H =

L =

A =

Gdm =

Broj tokova

N_1	
N_2	
N_3	

N =

Duljina tokova

L_1	
L_2	
L_3	

L_N =

Indeks bifurkacije

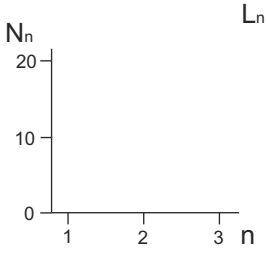
$Ib_{1/2}$	
$Ib_{2/3}$	

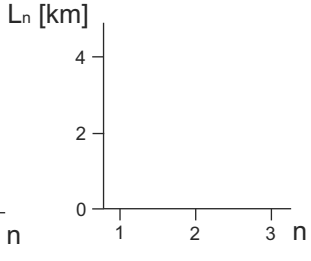
$\overline{Ib}$ =

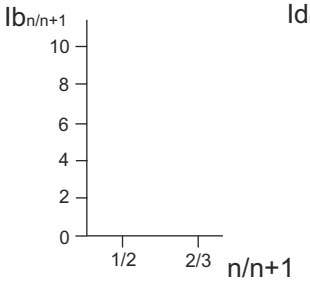
Indeks duljina

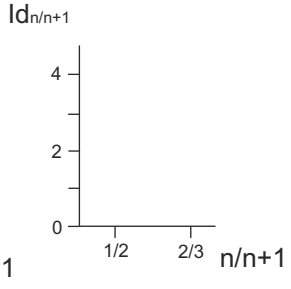
$Id_{1/2}$	
$Id_{2/3}$	

$\overline{Id}$ =









Osnovni morfometrijski parametri drenažnog bazena

Naziv	Simbol	Formula
Visina najviše točke [m]	H_{max}	
Visina najniže točke [m]	H_{min}	
Visinska razlika (gradijent) [m]	H	$H = H_{max} - H_{min}$
Duljina drenažnog bazena [km]	L	
Površina drenažnog bazena [km^2]	A	
Broj segmenata tokova kategorije n	N_n	
Ukupni broj segmenata tokova	N	
Indeks bifurkacije tokova susjednih kategorija	$Ib_{n/n+1}$	$Ib_{n/n+1} = \frac{N_n}{N_{n+1}}$
Duljina tokova kategorije n [km]	L_n	
Ukupna duljina tokova [km]	L_N	
Indeks duljina tokova susjednih kategorija	$Id_{n/n+1}$	$Id_{n/n+1} = \frac{L_n}{L_{n+1}}$
Gustoća drenažne mreže [km/km^2]	Gdm	$Gdm = \frac{L_N}{A}$
Vertikalna raščlanjenost [m/km^2]	Vr	$Vr = \frac{H}{A}$
Horizontalna raščlanjenost [km/km^2]	Hr	$Hr = \frac{L}{A}$
Radijus kruga površne A [km]	R_A	$R_A = \sqrt{\frac{A}{\pi}}$
Izduženje (elongacija)	E	$E = \frac{2*R_A}{L}$
Površina kruga promjera L [km^2]	Ac	$Ac = \left(\frac{L}{2}\right)^2 \pi$
Cirkularnost	C	$C = \frac{A}{Ac}$