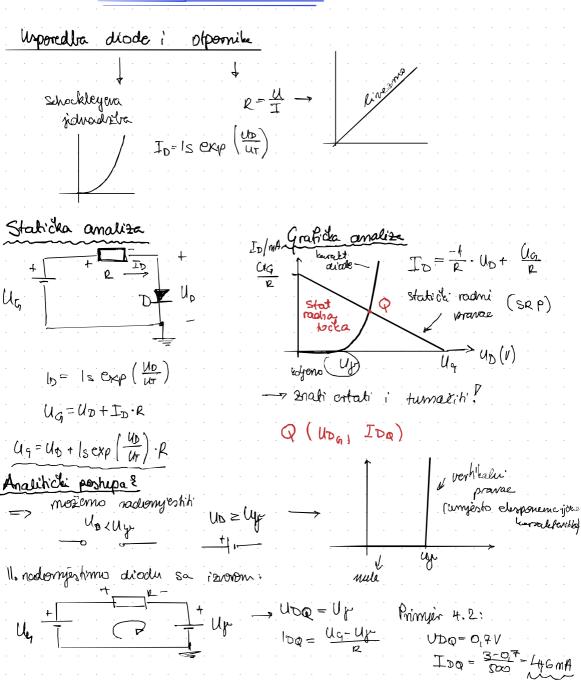
## 4.1. Sklopovi s diodama



42.Delv

MELODA	SUPE	RP0Z1	C17E
1) Statik			
	signal.		
$\sim 5^{\circ}$	ibvor -	_> gazalm	no AC

2) Dinamila ~ AC. Signali ~ AC ibror - garimo  $\sim$  AC model diade Ud (dioda)

~ model diade 20 DC signal -t-Uje (dioda)

UG=3+015 shout V R= 50012 U8 =0,4V

UT=25mV 1.5 međulovak) dinamichi ponametri  $|\nabla a|_{0} = \frac{UI}{I_{DQ}} = \frac{25mV}{4.6mH} = 5.43\Omega$ A'namite Jan = Umm = 900 2+ rd = 900+543 = 0,989mA

amplitude

simusne stry'e i

napona

1) Statila Ung=Up ton

Mdm = Idm rd = 0, 989 mf. 5,43-2

1 Udm = 5,37m V

Uki Destuye = DC gestuye + AC gestuye  $N_D(t) = 100 + 5.37 \text{ sin w} t \text{ mV}$   $I_D = 4.6 + 9.989 \text{ sin w} t \text{ mA}$ 

