## TUGAS MATEMATIKA 2 Jilid 1



Oleh:

Nama: Rosi Arif Mulyadi

NRP: 3121522021

Prodi: D3 Teknik Informatika PENS PSDKU Sumenep

Kelas: 1 ITA-D3 Sumenep

Dosen:

Royhanatul Fitriyah M.Pd

## POLITEKNIK ELEKTRONIKA NEGERI SURABAYA

Soal dan Jawaban!

	Duto:
92	(2utay)+(2u-2y)y'.0
34	Le Gunakan panyalasaian menggunakan u
	= (2u+4y)+(2yu-2y²)=0
	≈ 24+2yu =-4y+2y²
	-> (2+24)u = -4y +242
	-49+292
-	u: -4y+2y* 2+2y* -4y+2y*
	2+24
1	24+92
3	12: -29+92
	2. (22y2+2y)+(222y+22)y'=0
	Lo (22242+24)+(2224+22e)4:0
	= (2y2x+2y)+(2y2x+2x)y':0
	- 7 422 + 24+ 242 = 0
-	=2y (yu+1+yu2+20)=0 ->2y (yu+1+u(yu+1))=0
-	= 24 (4 net 1) (1+ m)=0
1	= (yzati)(1+zu):0
1	
1	1+2=0-0.2=-1
1	
-0	3. 32 dy = 223 + 222 - 372 + 5
1	LP 32 Tre 23+222-322+5
-	127 ty = 213 + 212-321 +5, 0, 10, 12 +0
	=>3 u = 2 2 3 + 2 2 2 - 3 2 + 45
	= 324 = 2e4 + 22e3 - 37e2+57e
C	=0 y=2e4+2u3-3u2+5re, 3u +0 -> 20+0
E	374
C	=>y=2(23+222-32+5), 22 \$0
C	=0y= tus+2u=32u+5), 20 +0
	-04° 213+2212-3245, 22+0, 240

