No.:	Date.:
Nama: Ade Hiumat pa	up kidwan
lules: TIF K 22B	
NPM: 228528/1130	
O. x = 0 -> y=1	X = OIJ
# 20,25	gitiz gitf(xi,yi) L
9i+1=yi+f(xi,yi).4	= 1 + f(0,25,1)0,28
= 1 + F(0,1).0,25	
2 1 + 051 -0,27	= 1,0620
= 1	
× 20,75	
gitiz git E(xi, yi).l	1
= (,OGT + f(0,5	10620)0,25
2 (106+ ONV	1,0625 - 0,25
= 1,1914	
× 2	
91+12 91+ F(xi, yi)	S
= (1914 + EC 0.71	
= 1,1914 + 0,7	
Z. (13.961	
77071	

No.: Date.: nitai eusqu: dy 2 x ly -> dy 2 x ly · dx 0,25 0,0 1,0628 dy - x, dx = 0 0,70 (,1914 y/2 -dy -x .dp =0 1 1 1,3961 Sy'z dy - 8x de 20 2 Jy - 1, x2 = C Pada Saat x 20; y=1 2VI - /2(0)2 = C -> C=2 - Retamaan 219-12x222 × 20,25 X= 0,5 2/2- = (015) = 2 25-2(0,21)222 √y z 1,062 Γ y ≥ 1,1289 2 Vy Z 20325 Vg= 1,015625 92 1:0315 Xzl X = 0175 259 - 1/2 (1)² 2 2 59 21/25 259-12(0,75)222 2 6,56 8 M 9 = 1,3010

(KIKY)

No.:	Date.:
Gror:	
× y eules	y Sebenarnyn Ex
0 1	1 0%
0,25	1,0315 3,6538 %
0,5 1,0625	1,1289 5,8188 %
0,75 1,1914	1,3010 8,4245 %
1 7,3961	1,1625 10,6496 %
EE = 1 96	Eules - y Schenanger x 100%
	2 Sepanarya
D. Aylda =	xty
y (0) z	
hitum:	y(0,10) Heun (Gz crozs)
f (x,y,) 2 ×+4
9 =	8020; b20,10, h20702x
n21	(0,10-0)/0,02 25
×12000	
	2 1 +0,02 (0,1)
	2 1,0200

(KIKY)

Sel 1 = yr + (u/a) [P(x0, y0) + F(xixy'0)] Date. No.: 1+ (0,02/2) [0+1+0,02+408) 10) 2 y, thf (x), y,) Y2 2 0,04 > y(0) 1,000 4 0,02 (0,02+ 10204) - 1,0412 50224, + (4/2) { F(x11/3) } + (00, 40)) z 1,0204 + (0,02/2) € 0,02 + lorest 0104 f 601127 = 1,04/1 852 0,10 900) # # 2 yy + G = (xu, yy) y(1) = yy + (h/2) [f(xq, yq) + f(xr, yd)] 2 1,1104 jads, y(0,16) 2 1/164 1,1104

(KIKY)