

## KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI MINISTRY OF EDUCATION, CULTURE, RESEARCH, AND TECHNOLOGY

## INSTITUT TEKNOLOGI SEPULUH NOPEMBER

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BAO-PT IABEE	
QUIZ/ETS/EAS   SEMESTER GASAL/G	ENAP   TAHUN /
MATA KULIAH : SPO	KODE :
HARI, TANGGAL :	KELAS :
DOSEN :	RUANG :
NAMA . Muhammad Rifan.I.A	TANDA TANGAN NILAI
NRP : 5009211138	Mulus .
DOSEN WALI :	
	A
1.a) f(t) = SW; A & t.	5 A b) (w
0; other	wise
<del>-</del>	
-A A	
- C - 1 - N - 1 21.5+	f(t): 50 ) - 2 = 5 2
4 f(t) = 5" f(t). e -> 2Rft dt	- 0 ? OINGLMUIG
= 5 <sup>A</sup> .w.e <sup>-32nft</sup> lt	F{f(t)} = 5" f(t) . e - j2n ft dt
- A	-1
e-jenft 1 A	= 2 2 M 6 - 3 suit 9t
-)2Rf	
= W [e-32nfA e-52nfA]	: W [ e-j2Rft ] 2
-32Rf -32Rf -32Rf	A7 -j2nf _ jenf
= W [ e + , 2n+4 - e - , 21c+	- W [e 2-e 3
r f	-32nf = W 1 e in f A - e - in fA
T OA W Sin contal	janf
F cf) = 2A.W. sin canfa) 2nfA	F(f) = AW sin (N+A)
F(f) = 2.A.W. sin c 2f.A)	R.f.A
(+)	F(f) = A.W. sinc (fA)

