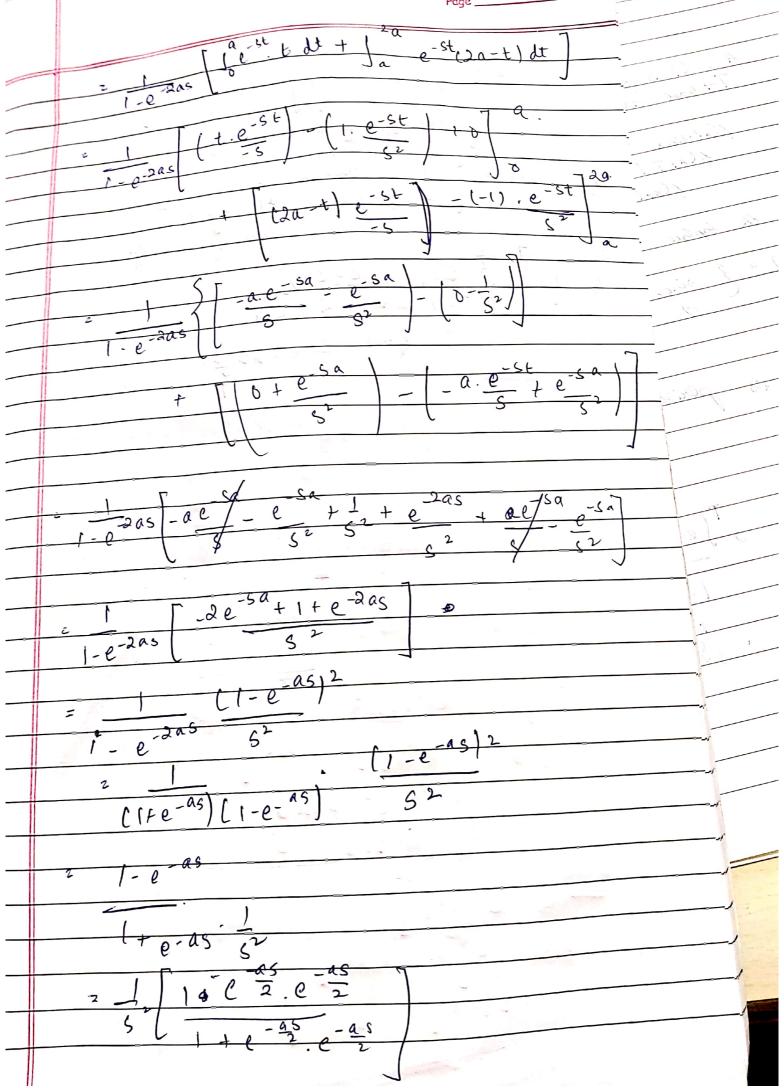
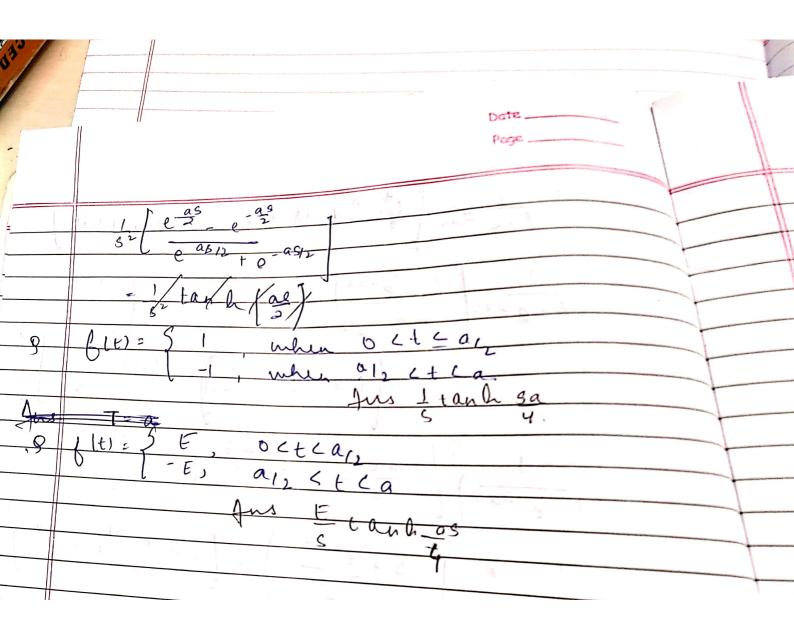
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	Laplace Transition of Persidic function
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	151111 6 300
	L[(t)]. Je st (te) del
	where I is period of the function fot)
	acres
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	functions fistered & T - hast + ne inlight
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- 19	Lent Ti) = Sin (MFT) = - Sinx
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	(1x+271) = Sinc.
	(1+UT) =
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,	with period T = 211
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	2 Dest le la le
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	S²+w² (-s invot - la costa)
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	10-wm (1)
	[e-Sπ/ω (0-ω (-11)) - S-1-ω ²
B	(0-00 017)
2	$\begin{vmatrix} e^{2} + \omega^{2} \end{vmatrix}$ $\begin{vmatrix} -e^{-2\pi i s} \\ -e^{-2\pi i s} \end{vmatrix}$ $\begin{vmatrix} e^{\alpha} - e^{-\alpha} \\ -e^{-\alpha} \end{vmatrix}$
	(ea) = e.e. = em
	we 5th + w
-	5 ² + W ²
	5 + W
	(e w)2
	-2-1
	2 W(1+e-w)
4	$\frac{1}{3+10^2}$
	$(1+e^{-\frac{\pi s}{\omega}})$
	The state of the s
	-TIS (2+W2
<u> </u>	1 e w SAW
	find the L.T. of the periodic function
1	bitl= St Oct=a 2a-t act 62a.
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	and flttaaj=(t)
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B b t = e ^{-t} . sint IVT lim tt = lim s f(s) t + 10t s + 00 LHS Let tt) = e ^{-t} . sint lim tt = lim e ^{-t} . sint $= e^{0}$. sinD = 1.0 = D PHS F(s) = L tt P(s) = L e ^{-t} . sint P(s) = L e ^{-t} . sin		Let bitis
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LHS Jet Lt = e^{-t} -sint	\(\bar{\chi_{\sigma}}\)	IVT AS OF COLOR
LHS	~	0 -> 0
Let $ t = e^{t} - \sin t$ $ t = \lim_{t \to 0} e^{t} - \sin t $ $ t = \lim_{t \to 0} e^{t} - \sin t $ $ t = \lim_{t \to 0} e^{t} - \sin t $ $ t = \lim_{t \to 0} e^{t} - \sin t $ $ t = \lim_{t \to 0} e^{t} - \sin t $ $ t = \lim_{t \to 0} e^{t} - \sin t $ $ t = \lim_{t \to 0} e^{t} - \sin t $ $ t = \lim_{t \to 0} e^{t} - \sin t $ $ t = \lim_{t \to 0} e^{t} - \sin t $ $ t = \lim_{t \to 0} e^{t} - \sin t $	·	
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- CIL 7 1 1 da 0 1 10	<u></u>	= f(g)' 2 L [lt1
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