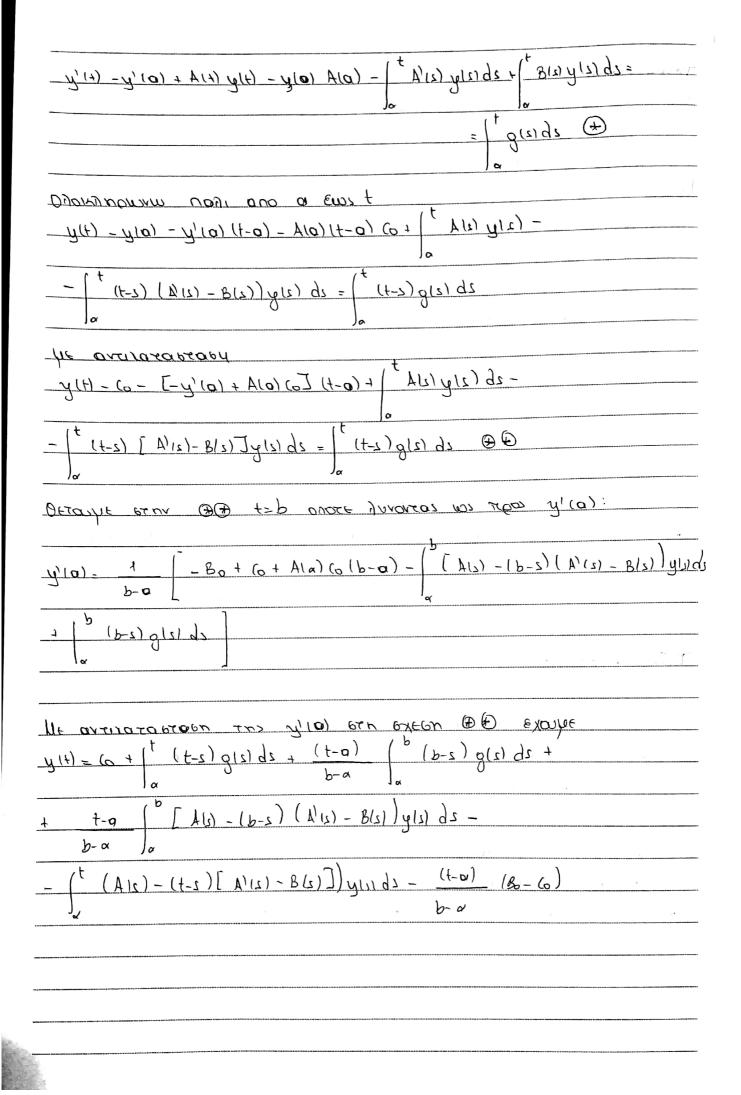
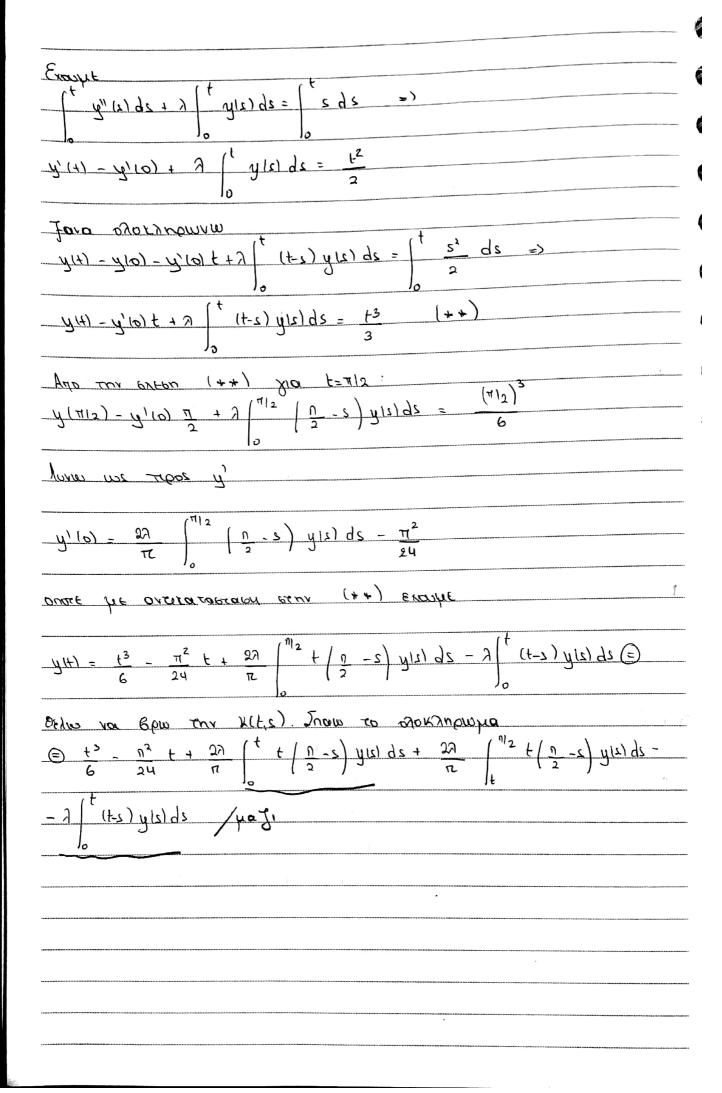


Do arafera to TIAT or ma O.E Volterra y" (+) + y(+) = - cost , O = t = 1 y(0) = 1 lunu	
$y''(t) + y(t) = -(at - 0 \le t < 1)$ $y(t) - y'(t) = 1$ $y''(t) - y'(t) + \int_{0}^{t} y(t) dt = -\int_{0}^{t} (at + 1) dt = -\int$	Mapadelfha
July $y'(0) = 1$ Shown Direction of the property of the pro	Da avafera en TIAT or ma O.E Volterra
Disconnection and D & cos t $ \begin{cases} $	y" (+) +y(+) - cost , 0 < t < 1
Disconnection and D & cos t $ \begin{cases} $	4101, 4,(0)=1
$ \frac{\int_{0}^{4} y''(k) dk}{y''(k) dk} + \frac{\int_{0}^{4} y(k) dk}{y'(k) - y'(k)} + \int_{0}^{4} y(k) dk} = -\frac{\int_{0}^{4} x(k) dk}{\int_{0}^{4} y''(k) dk} = -\frac{\int_{0}^{4} $	Libra .
For a shortherwow and 0 sum t $ \begin{cases} $	$y'(t) - y'(0) + \begin{cases} t \\ y(s) ds = - \left[s_{1}nt - s_{1}n0 \right] \end{cases}$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	
Thus $T \rightarrow fredholm$ Demographe to etter $T(S,T)$ $y''(1) + A(H)y'(1) + B(H)y(1) = g(H)$ $y''(1) + A(H)y'(1) = g(H)y(1) = g(H)y(1)$ $y'''(1) + A(H)y'(1) = g(H)y(1) = g(H)y(1)$ $y'''(1) + A(H)y''(1) = g(H)y(1) = g(H)y(1)$ $y'''(1) + g(H)y(1) = g(H)y(1) = g(H)y(1)$ $y'''(1) + g(H)y(1) = g(H)y(1) = g(H)y(1)$ $y'''(1) + g(H)y(1) = g(H)y(1) = g(H)y(1)$ $y''''(1) + g(H)y(1) = g(H)y(1) = g(H)y(1)$ $y''''(1) + g(H)y(1) = g(H)y(1) = g(H)y(1)$ $y''''(1) + g(H)y(1) = g(H)y(1) = g(H)y(1)$ $y'''''(1) + g(H)y(1) = g(H)y(1) = g(H)y(1)$ $y'''''''''''''''''''''''''''''''''''$	$\int_{C} \frac{1}{2} \frac{ds}{ds} = \int_{C} \frac{1}{2} $
Decomple to $e = \frac{1}{2} $ $\frac{1}{2} $ $\frac{1}$	K(4,2) = -(4-2)
Dewpowpe to $e \int n T(5.7)$ $y''(4) + A(4) y'(4) + B(4) y(4) = g(4)$ $y(4) + A(4) y'(4) + B(4) y(4) = g(4)$ $y(6) = B_0 $	
Dewpowpe to $e \int n T(5.7)$ $y''(4) + A(4) y'(4) + B(4) y(4) = g(4)$ $y(4) + A(4) y'(4) + B(4) y(4) = g(4)$ $y(6) = B_0 $	TIST > fredholm
y''(t) + A(t) y'(t) + B(t) y(t) = g(t) (2) $0 < t < by(0) = (0) y(b) = B_0 y \in A, B, g = 600 \times 200 = 60, b(a) A'(t) = 600 \times 200 = 60$	
yol=6, y(b)=80 HE A, B, Q 60VEXELS 670 (0,5)	(1)(4) 2 A(4) (0)(4) + 8(+) (1)(+) = 0(+) (3) 0 < t < 6
(a 1/(+) 601/5x42 200 (aP)	Ula) = 60 U(b) = 80 UE A, B Q GUYEXELS GTO [0, b]
	(a. 4'(+) GUYEXNS GOO [ab]
Dhormpunu $\operatorname{Thr} \Theta$ and a sust $\int_{\alpha}^{t} y''(s) ds + \int_{\alpha}^{t} A(s) y'(s) ds + \int_{\alpha}^{t} B(s) y(s) ds = \int_{\alpha}^{t} g(s) ds$	
	Disputation of the price of th



7	
7	Though to wonduction
	() y1s)ds = (() y1s)ds + () y1s)ds
-	la)a
À	201 DETOME
	$ \begin{array}{c c} & (c) & $
7	
•	- Als) - (t-s)[N(s) - Bls)] s & t
	2 2 4 [(2)8 - (2)A(2-d)-(2)A]
•	b-a
)	tou f(+) = (0+ (t-s) g(s) ds + t-a [Bo - (0+ b b-s) g(s) ds]
ļ	
	suppose the suppose of the suppose o
)	y(t) = f(t) +
)	εταθερα ακρα ολοκληρωσης =) O.E fred bolu
,	110 WCM
	Dorar fra Europenan K: [0, b] x [0, b] > IB IBXUE
	3400x3 50 349 (= [d, s] 3 2, f f (1, 21X = (2, 1) X
	enthistoro unous
	Trapabertha
	No aroferon 20 π27 y'(+)+λy(+)-t, 02t2π12 y(π)=0, y(π(2)=0 6ε fredbolm
	avarsuph
	θείω ακρα ολοκληρωση στο θερα
	Dialingulu Try Efibulay and to take arpo Ews t
400	
DAY.	



A METARA HATOPLAN LAPLACE
6 76708 0 000
parte, the enabline abolinant tons entermon he
to a solar so tuno
$\frac{1}{2} \int_{-\infty}^{\infty} f(t) \int_{-$
ou to Revitables oyonwhombo un Emponizator entrojne
Vyerayien
To receive oyons vombo entrying
(1) g(t) dt Ean TO lem at g(t) dt unaexel
J. 0 0.768 J.
rai evas evas maghaeiros apiquos. A tipo tos odordos -
house deferon so enon how he sent tohn ton vabouranm
00100
Opuques
Una apraprinto 1: I - II (I: Siatinha ras IX) Sa Jeferal
τοπικα ολοκληρωσιμη στο διαστημα Ι αν αυτη ειναι σλοκλη-
Empiho ee 1906 NJE1960 OUSTABLUMO LOS I
The Meveboohera arba)

M.x
f: [0,1] → 12 pe f(x) = 1/1/2 0 < x € 1
1 O x = 0
f hu everywhen pithu are (0'1) sian ger einer pooktern
eto Siabtnyo auto
A 1 phathern = 1 ovors
Av f fin deafhern =) f our overs
ofinos a fogorsubmenhu er rage granula 200 trobqui
[a,1] HE 010 (01021)
06vetros
6 Ct \
Form $f: (a, +\infty) \rightarrow 1$ $f = (a$
two dx = lem tim dx av to opio unapxei car eivar
la Wat la
70- 1102-1105 0- 0-105 5 0121 20 0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-
Abokhosoxos abrohos Z, anch Lux vebrusmon jetre os so
RENIREDHEND OYDRYNOMINA ENTRYINEI. YL 20 0010 EINOT +00 JETE
ou to texistentiero oyonsulando averbiteta Detita
lear -00 jehr un avendleson abrutura) car co obio }
v
LOLE JEHR DE LO KENKENHEND DJORYLOMPEN SEN POTAVINEI
PER PUDDE DUONSINEI.

Mazasethaca
(100 Ex gx NO ENTRYINE)
$\frac{1}{1} = \frac{1}{1} = \frac{1}$
PM (-6-x+1)=7 3 (EID) -, 80/ MJINEI
; to
e-x 4x <00
Θ
$\phi = \int_{-1}^{1} d\phi$
1 dx ancienteral serva
J ₁
$\rightarrow \int_{0}^{\infty} \int_{0}^{\infty} dx = \left[\ln x \right]_{0}^{\infty} = \ln x$
lim lux = +00 aneipiferai Serora
K+W
(3) Não Sinx dx X
Jo "
→ (sinx dx = [-(0)x] = 1-(0)h
Jo
lim (1 - cos w) = \$ 8100 \$ lim cos
X400 K400
$X_{V} = 2\pi V \rightarrow 00 \qquad (O_{V}(x_{V}) \rightarrow 1 \qquad \neq \qquad \downarrow 100 \text{ for } 100 fo$
4x=2nx+1 +0 (01(yr) +0

