02/p1)

LAPLACE TRANSZFORMÁCIÓ LINEARIS-E?

$$F(s) = \int_{0}^{\infty} f(t) e^{-st} dt$$

 $F_1(s) = \int_{s}^{\infty} f_1(t) e^{-st} \qquad F_2(s) = \int_{s}^{\infty} f_2(t) e^{-st} dt$ 

$$\int_{0}^{\infty} C' f_{1}(t)e^{-st} dt = C' \int_{0}^{\infty} f_{1}(t)e^{-st} dt = C' f_{1}(s)$$

$$\int_{0}^{\infty} C' f_{1}(t)e^{-st} dt = \int_{0}^{\infty} f_{1}(t)e^{-st} dt = \int_{0}^$$

QED: LAPLACE TRANSTFORMA'CIS'
LINEARIS INTEGRALTRANSTFORMA'CIS'

(02/p10)

2

1) -I +I1-Is=0 CSOMOPONTY & TOPOLOGIA -Vs + V1 + V2=0 HURAK MELINAMY TETSZÖCEGESEN FECUEHETE"

2) ELEMEKRE VON ATTE to

Pe: Seto

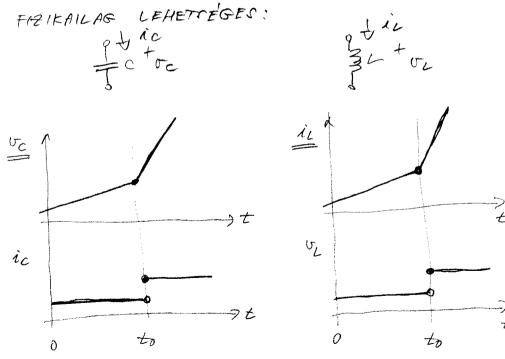
Pe: Seto

DELÖCET.

- KISSETÜ => 100 FOV: i(t), i, oj...

- NAGYBETÜ => DC, KOMPLEX AMPLITUDO,

AMPLITUDO



(02/p11-p12)

ALLANDOSULT A'LLAPOTU, DC ARAMERIC

FELTETEL: DC GERDESETES

FEST E'S A'RAMFORR, R, L, C

ALCANOSSULT A'CLAPOT, t->1
AZAZ dt =0

ATRAZOLHATO: ARAMER

ic=c doc =0 => X SZAKADAS c toc

 $\sigma_L = L \frac{dic}{dt} = 0 = )$  | RSVIDZAR LETOL

ALKACMAZAS

HA ROVIDEARRAL ES STAKADASSAL NEM ZARHATO LE
MERES RI ES RZ LEZARASOK MELLETT

$$\frac{VT}{RT+RA} = I_1 \qquad \frac{VT}{RT+R_2} = I_2$$

$$\frac{1}{R_{T}+R_{1}} = 11$$

$$\frac{1}{R_{T}+R_{2}} = 12$$

$$\frac{1}{R_{T}+R_{1}} = \frac{1}{R_{T}+R_{2}} = 12$$

$$RT = \frac{P_2 I_2 - P_1 I_1}{I_1 - I_2}$$

MUNKAEGYENES, MUNKAPONT 02/1015 4 TA + RH FECUERETO' DISOA - 矣 + 好 10(5d) MUPHAPONT MP MYNKA -ECYENES is = -iT in = - 2 +  $is = \frac{1}{RT}U - \frac{VT}{RT}$ NS A FORRA'S MP MUNKA EGYENES VT 4 5 BETOALACO HALOZAT MP 5-

(d) EFY IDGALCANDON RENDSZEREK v<sub>c</sub>(0) totT HA t Zto, ULEYA'ZZ, A KET ARAME'R NAGYON MA'S W T tra vc(0) Vcc シセ

ERY DÖALLANDÓSRA VALO REDUKÁLAS R1 to t2 to

- Cety - Retu CI T PINS RZ+RO Retr = R1 11 (R2+R3) Cckv = C/11/C2 T = Retv · Cetv

T = Lety

AFFOR MURIDIE, HA AZ ENERGIATA/ROLOK (L ILLETUE C) ÖSSZEVONHAMK, ES OSZZEVO-NAS UTA'N AZ ENERGIATA'ROLO A HAKOZAT-

BOL FIEMELHERY

ECYIDO A KLANDOS RENDITER MEROCDASA FIZI- MC KAI KEP ALAPONN - FAPCIOCÓ NAGYON RÉG (>> TJ=RIC) (1)-ES ALLASBAN - to PILLANATION ATKAPCUOLOUK VEDD EFERE => TOPOGGIA VAILTES (1) (2) Va V1= P1C T2=R2C V2 = Rc C VA ラセ

