1 engal 2

О дуркотой (двойственный) схем и уравнений элегорических ченая.

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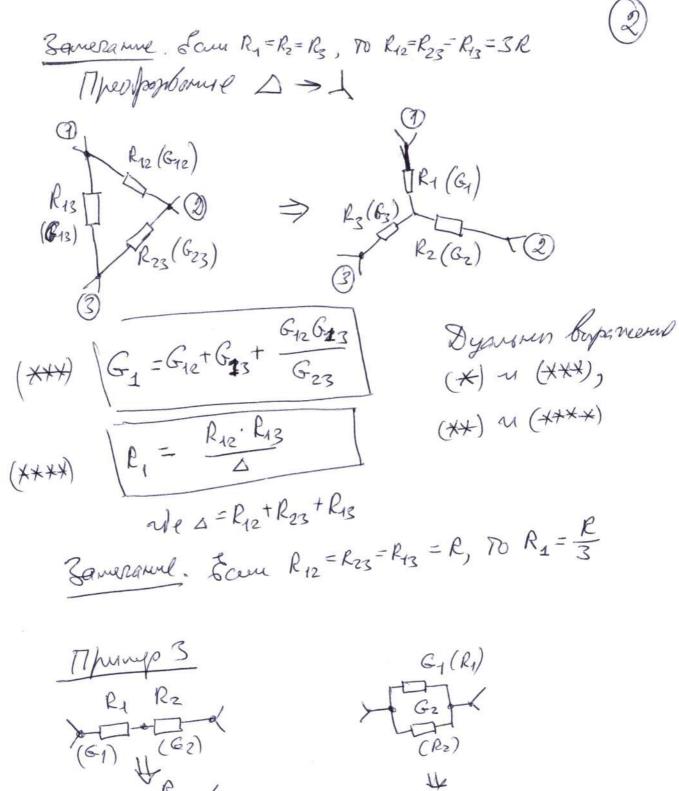
Thump 2

Theodosolorul $\rightarrow \triangle$ R_1 R_2 R_3 R_3 R_3 R_3 R_4 R_4 R_5 R_{12} R_{12}

 $(*) \quad R_{12} = R_1 + R_2 + \frac{R_1 \cdot R_2}{R_3}$

 $(++) \qquad G_{12} = \frac{G_1 \cdot G_2}{\Delta}$ $\forall e \Delta = G_1 + G_2 + G_3$

Reparmenul gul R23 (623) u R13 (643) rongrawtel ry borparmerun (X) u (XX) c ronsyow reprobor repecienches undercol



Thump 3

$$R_1 R_2$$
 G_2
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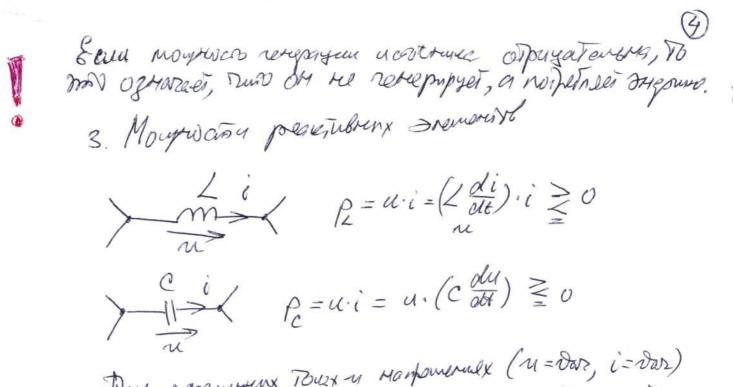
2. Moyowar reregasyun

 $p = u \cdot i = J \cdot u - moreon under under 1. I - more$

Mandrague prorutaren ma farpatotuy organi (p=0), me nhu renpahangrusm Bisinterisi oran minji u respectatell ee (T.C. momes Thint p<0).

Through $e_1=2B$ $e_2=1B$ $e_3=1A$ u_1 u_2 v_3 v_4 v_4 v_5 v_6 v_6 v_6 v_6 v_6 v_6 v_6 v_6 v_6 v_7 v_8 v_8





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Pysidamentanemal energina ypaborerum prentjoureenour

My or were (cxems) codernant p - menerios (beter) n g-ygurb.

Towa no 1-my zanory Kupxwepa monero cocialulo (9-1)-rezamouno ysabneroue, a no busypoury January Kupxwopa p-(q-1) = p-q+1 regs-

T.e. Been no Januaran Kupxrupa noverus cucla-Marriol ypoloresul

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T.O. No Jawanas Kupxwapa n kunwhenitenne prabtleturem, monero cocinalisto cuciemy y 2p regal ypabreoun gre onhedererul 2p renghecitera inbut a ranponerun fember exerun.

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yenn (cxemp). Mount.

IE

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(coerabiero gre yping 1), a no boopsvy Janony Kupxwoon p-q+1=2 ypochrerul

UR-VE=0 M UJ-VR=0

(coacheren gil wright K1 m K2). Dre p=3 tester (Fremerit movern coetalub) promen p=3 Komwhenther you breaml

Cucreme us 6 ypolorerum (1), (2), (8) ect byordamen.
Toubhal cucreme ypobrerum paccomapularum exemp. Le
Pemerul daem bel 6 renzhectura Poul u marpamenum.



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$$I_{h} = \sum_{k=1}^{m} G_{h} k^{i} E_{k} + \sum_{k=1}^{n} K_{h}^{i} J_{k},$$

$$(U_{\ddot{y}} = \sum_{k=1}^{m} K_{ijk}^{T} E_{k} + \sum_{k=1}^{n} K_{ijk}^{T} K_{k})$$

Ghk = { brodnes notobodumos letuk, non k-h; by betesh uk, non kth.

THE THE

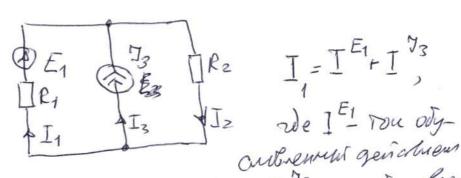
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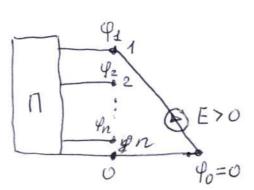
Tpungs



Torono acrorana D FDC ($J_3=0$), a I^{J_3} Nie objendres Hur desichueus Torono uchrana, Dua ($E_1=0$).

 $I_1 = G_{11} E_1 + K_{13} I_3, \quad \text{we} G_{11} = \frac{E_1}{R_1 + R_2} - \text{broken a policient}$ much beth 1, a $K_{13}^{\text{I}} = -\frac{R_2}{R_1 + R_2} - \text{cooppurposition no}$ mency besterm 1 4 3.

(2) Mpuryun regamerans

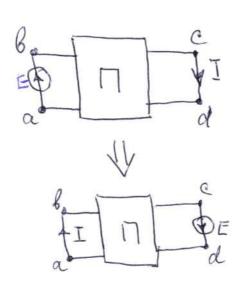


 Π - your δeg verbrunde δων $\Psi_1 = E > 0$, $\alpha \Psi_0 = 0$, To $0 < \Psi_1 < E$, j = 4.3, ..., <math>nDouggeTensich Π yer $\Psi_1 > \Psi_1$

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(3) Принуип взаимости.

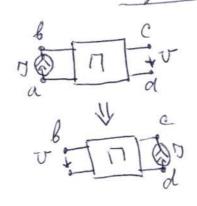


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(4). [punyun (Fupeura) warnereayun.

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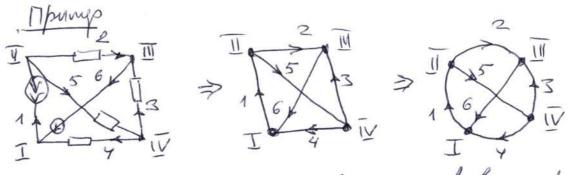
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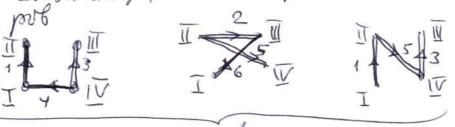
Tononouvrecime novering a marpayor

Градо - математическое контрукция, состемуя из двух мистель. Murveeba yzrob (tepuum) n muomeaba terber (përep). The From karredor teth norm unywheritan (npenadrevicai) zla 43 mg Éaux y bester jadano rampabnerus (or odororo el your « другому), по ужер называется орментированиям (маправлениям) a cam kanadus teths contemadajes recurpre renono (bas) по от взвешения.

Kanedor exemp years M.J. conschaler yours.



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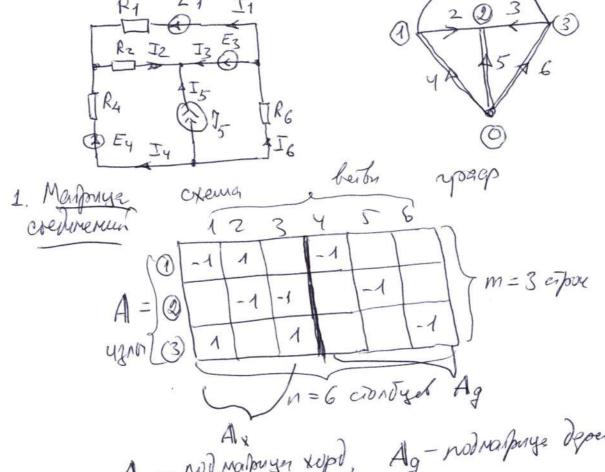
Die ripagoob vroneno bheery enfin maipuya (monoso-

molecux manpay):

- монтричу стединемий (имундентымати) А;
- контурнум (чикломатическую) марту В;
- ментричу разрезыв (сетегий) Q.

Typen of opnering barner york aweet n-herbed u
m+1 yzer, morda menerit Aij Malpriya Al = {Aij}mn

Aij = { 1,00m forb6 j brodui byzari; -1,00m ber66 j brodui byzari; 2,00m forb6 j re coedurera c yznomi.



A, - Not malpryer kupi, Ag-nod malprye depelos

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amerin, and may apoug monero nonymib nhocymaps.

Bab mpm apour malpryer A.

Yponbrieture nepoloro januara Kerparagoe 6 manipurarion luke

A. I = 0, I = [I1 I2 I3 In I5 I6]

En novemo nhederalus o kay

$$\begin{bmatrix} A_{\times} & A_{g} \\ \end{bmatrix} \begin{bmatrix} I_{\times} \\ I_{g} \end{bmatrix} = 0, \quad I_{\times} = \begin{bmatrix} I_{1} \\ I_{2} \\ \vdots \end{bmatrix}, \quad I_{g} = \begin{bmatrix} I_{y} \\ I_{5} \\ \vdots \end{bmatrix}.$$

un kgu

AX IX = - B Ag Ig = Ig - m. o. Town bether geprebe Ig for pameanotes repres Town xopo

-11	I1	I4	I4 = -I1+I2;
-1 -1	12	= I ₅	= -I2-I3!
11/1	T3	<u></u>	$I_6 = I_1 + I_3$
Av	I_{\times}	тд	(ay, every)

2. Menpung woringsh (woringpress marpings)

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-1, cam bent j broduj b wvigp z i, no ee Hampabre.

nul nporutononoveno Hampabrerum draga i;

o ecum bet j tre broduj b wvigp i

1 2 2 4 5 6 , wvigon

1B. UB=0, UB= V1/V2/V3/V4/V6/V6

Zonner Person Jonora Kaptrope & majoreral popul

3 dece n-m = 33- rucm regalisement woright, 7. 4. жист незаписимих уравичий, сыбовления по Benkorn Danoni Redocto de By Ux =- Bg Ug => Ux =- Bg Ug 3-102 manhamerul tember moverno marin marpeneous xgpl. My at 9, 92, ... 9 - notemyneur y zur ot other iensen y zug O (yzurbne notemyneur). 91 = V10, 92 = V20 ... Inowar noneur gents rosed wier Die Mauen nhunge

43.4

amaronitario

B t money bear benter baponiciones repet

I = B I x - money xgp.

$ \begin{array}{c c} \hline I_5 \\ \hline I_6 \end{array} $ $ \begin{array}{c c} \hline I_7 \\ \hline I_7 \end{array} $ $ \begin{array}{c c} \hline I_7 \\ \hline I_7 \end{array} $ $ \begin{array}{c c} \hline I_7 \\ \hline I_7 \end{array} $	I1 I2 I3 I4 I6 IB	1 1 1 -1 1 1 P	1 1 1 1 X	I1 I2 -I ₁ +I ₂ -I ₂ -I ₃ I ₁ +I ₃
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Ocoroborne chariculo monoruneax marping

A.B. = 0, R.A. = 0