1. Benjemba & zakurnocmu om ux yglishow njobogunotmu à genema na:

- njobogunku à om 6.703 go 6.705 Inican?

- nhyppologunku à om 104 go 10-20 ani- cun?

- guarlkonpuku, à om 10 go 10-20 ani- cun? Hapynerve (Barermoire) Ireknywow & motogruhax gotmamous craso chazanos umerono curonele. Rpuemarurechas plurenka benjemba odnazylma b pezyromane conncesus amont, uz-za Inow barenmul Frekmpour omporbasomes on amount a conarobance coop mun. Comblemenblumo, moder omophamo Irekmpoh om ameria в пелупроводнике u melpamembero & Frexmion mobogu morning myelsylmil meprus norungayun, Romopas normalisemes menioborne Roresaminament & peniente. Crobainlunder mennepartypor yberurubalmice

There among consens, Jaroul win pabrior Ineprum worungaryun, u Korylampayer clodogross Freamporol parmen. Trumerbal per Dudinsaying (novigers of am Hum homezangun), noncho chazamb, Imo yema-Hoberna pabriobechas Romenning Cho-Tognox Frehmporol zabuchung om mhrneramyros harynpobogruka. Formany Comme adconsomewow hyers harynpologrush normy conarrobunch uzoismophy a you brokuse mennegamypax niobogunoum narynpologium Rob nondrigocalmed & notogenerome ulmando. B somadiax Romstromparsus Filkmpo Mob mobogunotomen norma ne zabertum om mhunlparmyror, a nou le robounemen harldanne pemember your utasomed a sulmasom goundous Frekmpotob, toomany c norm nesula mennenamypor motogravemo remarrob boznatmalm.

2. Fromarman Koma Ry = ng), rge n-Romsemparsul notumbrer, q+zapag notumbrer. Ry Ey B1 / FEy vix Ru = ng => m.k. y remarrol n normy ne zabreum om merneramyrorlar n. 1) mo Ry-mone Ho gis holyn userui melinenamynon => Ry ymenima 3. Bobyen bige omegeneruk horuman mor dama E=-RH. [j, B], rge En-bozunka-enve ng-za sapapekna karra nonepermot nampabremuso moka Irek-MAN E= 3-RH(J,B), rge E-odnyce moulthol harl.

hode, To-yglibnas hnobogunoting chegor j= F E rge F-menjor mobo-gunormin (kampulga 3x3). Saparya notil nogemarwoku je É bulum om P. m. l. om redlempun 4. Uz-za zapperma Kenra B niverson rialodnazya. munike jy=jz=0; jx=0, Ex, m.e. Ex=fxi)x== jx; p=menzop ygenbrow componinger ung Coopament mengopy mobogrationer compoundresine of workon hracmunke om B til zabulum. Dud uzomnometer blustent c ogsern munch troumlis namen motorpomulareme omtyminkylm, Jakucurotino R(B) noncem masser marso & any reducempun open you (queh Ropanio). 5. B unmbeden veryl panha c mohan Granzalma & none noting suppose mar-Huma; omhrotelsul panku mpononmonantro zangy, eum renez mée monythalmed Ropombun aungebl moka. Is yent painter homorpa there-Talmal hapyricual in repumbritian (njudnas) Ramyuka. John vzulselsum narrumsion nomoka moruzubarryen zmy Kamyury, & new bozniekalm AC ungyrynu, u no yenn panku merem ungykumuni mok. John Indu omkrotilsul parker monopyronarono De (an Evilog runce) In-e inhilamol: Ja a morelm anymemb gut ero uzmeplound

=BIl·N·a=I·BlNa=I·K (odozn) my (1) = 1 J ij = KI(2) (3) RI=Ex+Ep= = Euznepum. Kamyuku + Epanku 3-n Panager Ex = - dq (4) JS=n. US Wy za Romempyhym nprodopa

Linga B'II' = 1 (B, JS) = B. JS. Coso = B. JS

Algym = alg = VJA; JS=dlg: l

Algym = alg = VJA; JS=dlg: l

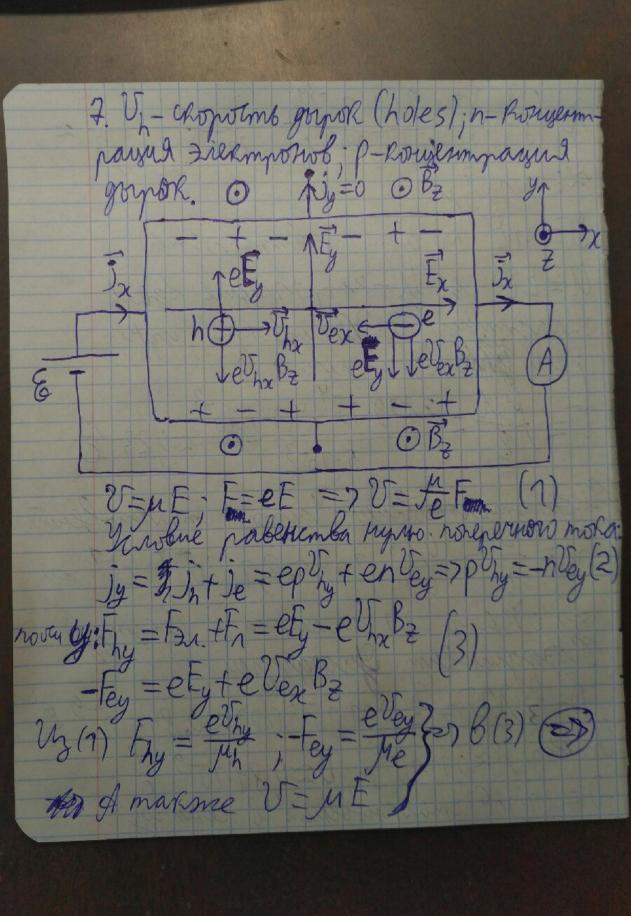
V=6r; 6=2; r= 2 (3),(4),(5)->(2) >> J \(\vert\) = \(\vert\) (-\vert\)-\(\vert\) = \(\vert\) Componinteresul yenu. Earn orio Eygen navo, mo reptol crantalnol B(7) monce oygen naw u un noncho me neoners. Frokance mo unce tronga uz (7) =) s 4 = - 29

B navarbusin menerim panka renogfuncia => (=0. Hyens & Rouse uz repland nomok leple injument-nyro Kampurky notmossien $\hat{p} = 0$. Torga (6) TR $\hat{p} + \hat{p} = 0$ John 4= y(t) 2) 10 = 10 y = 1 TR dy = - 4 27 4 = - K2 A8 Inly = - Kt+ InC y= C.e-frt Fine t=0 y=Ce°=C=>C=ylo)=40 arsho zamyxaronyas q-yns T = 1 27 hm 8>>2 4(8)->0 Togotipas navol conjoundremme

yener R, moners grammag mow moder bylend morphonelius par hu T dono mereoplamoro mano Byerobuse onoma. maras monongronarbroth mencyy sight Al bozuonena marsho nni maran comomnbelsum odoux Ran mywer nywora.

6. Drama nywolra 250 n sarmina In the news Amaman to sulplum min Loboghino Com 2 Polymonium & Kory Westernaying Frommenton 5.47 47 10 12 7 (28 - 75 79 - 57 - 18) 6. Druna modera 2, zgl h-normodn had knamka; $2 = (\frac{3}{8\pi})^{\frac{1}{3}} \cdot \frac{h}{e^2 n^{\frac{2}{3}}} \rho$ Inmbreme remarra

 $\lambda = \left(\frac{3}{8.3,14}\right)^{\frac{2}{3}} \cdot \frac{6,62 \cdot 10^{-34}}{(1,6.10^{-19})^2 \cdot (6,7 \cdot 10^{27})^{2/3} \cdot 3,2 \cdot 10^{-3}} \approx 0,71 \cdot 10^{-7} \text{ m}$ J=ME (no ong. nogbunemotmu) U=El, rge U-rann melsure byout nrammen (ne Konwberve), ingree-plus grade bornerelende) V= Je = 2879-70, 4,037-70 = 0,23 & 5-70-3 The contrattent Vacmona Contratho Claund 2= = 0,23 · 207 = 2,7·20 == 2> es oraro 27 minuona l'allyngy Rosoppyulum Jurpapyyun D=3725=30,71.707.0,23 = 0,84.70-9 = mblm: 7≈077-70 71; 10=0,84-20 9 m² 2=27-706 cmarkroblemon b cekyngy



Dey = Ey + Me Ex Bz MM => Bornagur

Ne Ey - M. Ex Bz Unoy comasur

My = Ey - M. Ex Bz Unoy comasur

My = Ey - M. Ex Bz Unoy comasur ρμΕy-ρμΕχΒz=-ημεΕy-ημεΕχΒz Εy[ρμη+ημε]=ΒzΕχ(ρμη-ημε) (4) ja = eptha tentex = ephhEx + enhe Ex= = etx (PM+HA/re) (5) (4) Ez = Ey (P/h+n/me) 2) (5) =>
Bz(P/h-n/me) 2 $2) j_{\chi} = \frac{eE_{y}(p\mu_{h} + n\mu_{e})^{2}}{B_{z}(p\mu_{h}^{2} - n\mu_{e}^{2})} (6)$

m Ru = ±y zny