Πρесиятане на σεми с троини интеграль

Aro K⊆ R³, to σεмот на K е троен интеграл V(K)= ∫∫ I dxdyd2. Sad.1. Hampere obena na ennicong 2 + y2 + 22 =1. Pem. Apabun Antenta chata | x=ah = cw, |J| = |abo| = abc. 2 + 12 + 22 = 1 <=> K:n2+v2+w2 < 1, K-ednHurto Kaldo => Venurcong = SSS [] dududw -abc. SSSIdududw. B K repatour constat custa, N= rsm 8 tos 4 1 720

W= rus 8 0 4 42TT u2+12+w2=1 == r=1, taka exepuellotta custa recoolazyba KRIJOTO IL do rapalelerunes T: | 0 = r = 1 - 0 = 9 = 2tt. V=abc SSS 1 dududw = [SSS 12 sin D drd D drg] -abe = = abc \ r^2dr. \ smbd\. \ \ 1d4 = abc. \ \ \ 2.211 = \ \ \ \ \ \ abc. Bracition, non a=b=c=R over takoto c paduje le 411 p3. 3ad.2. Hampere obena Ha $X: | 1 \le x^2 + y^2 \le 2x$ $| y \le y \le x^4.$ Pem. 2x21 =>x2/2, y= 3/3 = 1/2-1/3 > 0. Toroson $y^{1}z^{2} \leq x^{4}$ mother ga pennin empsho 2 (demin the y > 0). $z^{2} \leq \frac{x^{4}}{y^{4}} = \left(\frac{x^{2}}{y^{2}}\right)^{2}$, $|2| \leq \left|\frac{x^{2}}{y^{2}}\right| = \frac{x^{2}}{y^{2}} \implies -\frac{x^{2}}{y^{2}} \leq 2 \leq \frac{x^{2}}{y^{2}}$. Taka K e yninhdjærtho 7910 1002! $k: \left| \frac{x^2}{7^2} \le 2 \le \frac{x^2}{y^2}, 0: \left| \frac{1 \le x^2 + y^2 \le x}{x^2 + y^2} \right|$ $\Rightarrow V(Y) = \iiint dxdydz = \iiint (\iint_{-\frac{X^2}{12}} |dxdy| = \iiint \frac{2x^2}{y^2} dxdy.$

3a penabate Ha rolyzetus gkoett utterpal, typabun rowspha cusha: |x=rwsy|, $0 \le y \le 2\pi$ |y'=rsiny| $r \ge 0$, 15|=r. Kakto enometaxue, x20, y20 => YELO; 7727. 2+45=7 => L57 2+12=2x => [7=2+wsp, 1=2wsy. =) [= [=] =>2ws421, ws421/2, 45th3 => 4E[0; 773]. x = y 18 => 6 = 5 in 4 13, +5 4 = 13 => 4 = 16 => # = 4 = 1. Taka De rypeodrazyla go Tille = 4 = 17/3 - Traney roy. $V = \iint \frac{2\pi^2}{7^2} dxdy = \iint \frac{2.7 \cos^2 \varphi}{5^2 \sin^2 \varphi} \cdot r drd\varphi =$ = 5 (\ \ 2 \ \cdot \frac{\text{kmzy}}{\text{smzy}} d\ \) d\ = \int_6 \frac{\text{kmzy}}{\text{smzy}} \cdot \frac{\text{dV}}{\text{smzy}} = 5 17/3 \frac{105^24}{5m^2y} (4005^24-1)dy= 5 \frac{1773}{1776} \frac{1005^24}{1005^24} d4. Aerum czacrto u octatok! $4t^{4}-t^{2}\frac{1-t^{2}}{-4t^{2}-3}$ $=> (1+^{1}-1^{2})=(1+^{2})(-1+^{2}-3)+3. \qquad -\frac{3+^{2}}{3+^{2}-3}$ $\int_{100}^{103} \frac{4 \omega s^{4} \varphi - \omega s^{2} \varphi}{1 - \omega s^{2} \varphi} d\varphi = \int_{100}^{100} \left(-4 \omega s^{2} \varphi - 3 + \frac{3}{1 - \omega s^{2} \varphi} \right) d\varphi =$ $= \int_{\pi/6}^{\pi/3} \left(-4 - \frac{1 + \cos 24}{2} - 3 + 3 \cdot \frac{1}{\sin^2 4}\right) d4 = \int_{\pi/6}^{\pi/3} \left(-5 - 2 \cos 24 + 3 \cdot \frac{1}{\sin^2 4}\right) d4$ Tablivzell netterpal = -54-sin24-3.cotg4/17/3 = (-5/7-sm2/3-3.wts3)+(5/7-tsm5/4 - 等景景-3.5 = 5 +23 = 1213-517

302.3. Hangere atema на тэлого K: / 2+42 = 4x -3 -Pen. Regulardported 7310; $D = 2 = \frac{x^2 + y^2}{24}$, x = 2 = 70 D: $x^2 + y^2 = 4x$. $V(K) = \int \int \int dx dy dx = \int \int \int \int dx dy = \int \int \int \frac{x^2 + y^2}{4} dx dy$. Интеграгот моне да се рени с облганната голярна сляна. Ине поканил друг подход е по-налко сметки. D: 12-4x+y2=0 => x2-4x+4+y2=4, (x-2)2+y2 = 22. De кръг с чентър (2,0). Тре направни смяна, гообразена с D. Hera 1x-2= rwsy, rzo

y = rsing oepezy - ta npaktuka spatichupata

rongpta cheta. $|X=2+\Gamma\omega_1 \varphi$ $|Y=1=|X'|\Gamma |X'|\varphi|=|\omega_1 \varphi|-\Gamma_1 |X||\varphi|=\Gamma_1 |X||\varphi|$ $|Y=1=|X'|\Gamma |X'|\varphi|=|\omega_1 |Y|-\Gamma_2 |X||\varphi|=\Gamma_1 |X||\varphi|$ $|Y=1=|X'|\Gamma |X'|\varphi|=|\omega_1 |Y|-\Gamma_2 |X|-\Gamma_2 |X$ => V(K)= [x2+45 gr dh = [5 | 5+ 102 h] 5-1 +2 mh/5 12] = 1 [] (4+4 rwsp + r2 ws24+25m24) r dy dr = = 4 3 (Ar+ 452 wsy + 53) drd4 = 4 5 2 - 4 4 5 wsy + 54 12 d4 = Notationa custa repodépazysa D & repodébitettuk.
CTAHDAPTHATER CLOSHA /x= Trois repodébitettuk. mperspossyda Dgo r=4tus4 Trada 400192520 => YET ZiEJ. Taka nolyzalane Tpaneya: |-11/2 = 4 = 11/2 n nochedbaugure chetten ca 100-26151/3a ynpattheltue)

3ad4, Hampere odena Ha Kil x2+y2=32 Pem. Cpemat ce uzpazn x2+y2 nx2+y2+22. La rpossame cdepuzha cusha: X= rsmt wsp y=rsmt smy 10404 2=rws0 K2+45+55=7 => L=5 0 = 9 = 2TT XIY ZO => Y-B NEPSH RESORDANT, O = 4 2 T/2. Mnane popter spatting 3 a $\Gamma: 2n \frac{3\omega_5\theta}{1-\omega_5^2\theta} = \frac{3\omega_5\theta}{1-\omega_5^2\theta} = \frac{3\omega_5\theta}{1-\omega_5^2\theta}$ Pemabahe 2 = 3005A 1-1057A) 2-21057A = 3105A, 21057A +3105A-220 6050112= -3± V9+16 = -3±5 > 12 2005-0+3005A-2 20 3900-2 mm ws02/2. Prophoro e rebosmolltho, ws 0 = 1/2 3a 0 = 0 = T/3. Taxa cred coepuetta contra rosyzalane de MHOHECTSa $\begin{array}{c|c} V_{1} & 0 \leq 0 \leq t \\ V_{2} & 0 \leq r \leq 2 \\ 0 \leq \varphi \leq 2t \\ V_{2} & 0 \leq r \leq \frac{3 \omega_{3} \sigma}{5 m^{2} \sigma} \end{array}$ V(K) = SSI dxdydz = SSS 151 drdydd = SSS r2smodrdydd + f SSS r2smodrdydD 3a Kz nuare 5 12/dy. S 5 -2 SMD drdD -= \frac{17}{2} \left\frac{172}{8m20} \left\frac{3}{8m20} \left\frac{8m20}{8m20} \left\frac{1}{2} \left\frac{1772}{8m20} \sin\theta \cdot \frac{17}{2} \left\frac{1772}{8m60} \cdot \frac{3}{3} \left\frac{1}{6m60} \cdot \frac{1}{3} \left\frac{1}{3} \left\frac{ = 91 5 172 ws34 db. Tozn n#Terpon e pemun, no nzonettiga Tygdett.

And crusten do spydett n#Terpon, Mothe ga rypothane dpyra
comster.

Scanned with CamScanner

X=Lraid Stopn otent; Husutapuzta chata: , 13/=1 y= 13ing r ≥ 0 5=+ xc+12+55=4 => L5+Fc=4 D= 45 54 t ∈ R. xs+12 = 35 ⇒ 25 = 3t メリアロシロミトライン Pema bane criperio t: t= 52 = 0, t2=4-r2, 40+220 =>4-r220 => r=2, Kopetty Sare. t = 19-12. Tera 12 < t < 14-12. nr = 2. Ho dostaren pattuya ne sprobba ga taglonnaba roptara. $\Rightarrow \frac{r^2}{3} \leq \sqrt{4-r^2}, r^2 \leq 3\sqrt{4-r^2}, r^4 \leq 9(4-r^2), r^4 + 9r^2 - 36 \leq 0,$ $\Gamma_{112}^2 = -9 \pm \sqrt{81 + 4.36} = -9 \pm \sqrt{225} = -9 \pm 15 \rightarrow 5$ -4+912-36 20 3a r2=[-12;3], Horz 20,7.e.3arz=3. Terra r = 13 Drottzaresto 4- Hezabuchua, no rut, rusyzetoro n'Hottle coso e Traney to r: V= SSS Idraydz = SSS 131 de drdt = SSS r dedrdt = = 5 1 dy. 5 (fr. rdt) dr = II. 5 1 - t/r/3 dr= $=\frac{11}{2}\int_{0}^{3} -(\sqrt{4-r^{2}}-\frac{r^{2}}{3})dr = \frac{11}{2}\left[\int_{0}^{3} \sqrt{y_{1}-r^{2}}dr - \int_{0}^{3} \frac{r^{3}}{3}dr\right] =$ = I (\frac{1}{2}) \sqrt{1-\sqrt{2}} \dr^2 - \frac{\sqrt{4}}{12} \sqrt{3}) = I \frac{1}{2} \left(-\frac{1}{2} \sqrt{3} (4-\sqrt{2}) \sqrt{2} \dl(4-\sqrt{2}) - \frac{\dagger{4}}{12} \right) = $=\frac{1}{2}\left(-\frac{3}{4}-\frac{1}{2}\cdot\frac{2}{3}\left(4-2\right)^{3/2}\binom{13}{0}=\frac{1}{2}\left(-\frac{3}{4}-\frac{1}{3}\left(4-3\right)^{3/2}-\left(4-0\right)^{3/2}\right)\right)=$ $= \frac{1}{2} \left(-\frac{2}{4} - \frac{1}{3} \left(1 - 8 \right) \right) = \frac{1}{2} \left(-\frac{2}{4} + \frac{1}{3} \right) = \frac{1}{2} \cdot \frac{28 - 9}{12} = \boxed{\frac{19\pi}{24}}$

300.5. Honepere edema на талото И: 1 (3,2472)2 = 2 = 2442 Pem. Le yuinHopurto 7910: 1(3x2472)2 = 2 = x72, 22deto $D: \left| \left(3x^2 + y^2 \right)^2 \leq xy^2$ V(K)= SS (5x2+42)2 (dz)dxdy= SS (xy2-(9x2+42)2)dxdy. Morsipha cuita za D He royara ocosetto, 304,000 952054+525my= 52+852654. Breco Tola, Heka X= 12 ws24, y= 125 m24, T-e. Uzohpane ododnyettata ronapta custa: | X= \ wy , r=0 151= | x'r x'y | = | \frac{1}{3} ws 4 - \frac{1}{3} \sin 4 | = \frac 4 20 -> 5TM 4 20 => 4 E [0] TT]. (1x2+y2) 2 = xy2. Barecolane: (8.12 ws?4+ resmry) 2 = 5 wsh. Lsingh . OT TZO => WSYSM24 ZO >> LOSY ZO -> 4 E [0; 7/2]. Taxa D repeodpasy bane go Til 0 = 4 = 11/2 V(K) = [] (2y2-(9x2+y2)2) dxdy = [[(=3 wsy sm24-r4), 5 drd4= $= \iint \left[\frac{4}{3} \omega_3 4 s m^2 4 - \frac{r^5}{3} \right) dr d\theta = \int_0^{\frac{1}{2}} \int_0^{\frac{1}{2}} \left(\frac{r^4}{3} \omega_3 4 s m^2 4 - \frac{r^5}{3} \right) dr d\theta$ $= \int_{0}^{11/2} \frac{r^{5}}{45} \omega_{5} \varphi_{5} m^{2} \varphi - \frac{r_{6}}{18} \int_{0}^{10} \frac{\omega_{5} \varphi_{5} m^{2} \varphi}{3} d\varphi =$

 $\int_{0}^{1} \left(\frac{1}{45} \cdot \frac{105^{5} 4 \sin^{10} 4}{35} \cdot \frac{105}{35} \right) d\theta = \frac{1}{18} \cdot \frac{105^{5} 4 \sin^{10} 4}{36}$ $= \int_0^{\pi/2} \cos^6 \phi \cdot \sin^{12} \phi \left(\frac{1}{3^2 \cdot 5 \cdot 3^5} - \frac{1}{2 \cdot 3^2 \cdot 3^6} \right) dV =$ $= \int_{0}^{17/2} \cos^{6} \psi \, sm^{12} \psi \cdot \left(\frac{6-5}{2.38.5}\right) d\psi = \frac{1}{10.38} \int_{0}^{17/2} \sin^{12} \psi \cos^{6} \psi \, d\psi.$ Rosyruxue нещо годобно на първия отгит за решение DT repedenteura zadaza. Sa 1821 Hora, me ru chetten 1034 1867. Chetkure ca derry to novazbar la denerture battha Textura 3a répection de préderette netterpalu: Halupate la pokypettite bpozka ched utterpupate no racou. M Taka, Heka Imn = 5 " sinm x ws "x dx, m, n E & N $Im_{n} = \int_{0}^{\pi/2} sim^{m} w s^{m} \frac{1}{x} u s dx = \int_{0}^{\pi/2} u s im^{m} x u s^{m-1} x d s im x =$ $=\int_{0}^{\pi/2}\cos^{n-1}x\,d\frac{sm^{m+1}x}{m+1}=\frac{1}{m+1}\int_{0}^{\pi/2}\cos^{n-1}x\,dsm^{m+1}x=\frac{n_0}{2acrn}$ $= \frac{1}{(m+1)} \frac{(ws^{n-1} \times sin^{m+1})}{(sin^{m+1} \times sin^{m+1})} \frac{1}{(m-1)} \frac{1}{(m-1)}$ $= \frac{n-1}{m+1} \cdot \frac{1}{m+2, n-2} \cdot \frac{1}{m+1} \cdot \frac{1}{m+2, n-2} \cdot \frac{1}{m+2, n-2}$ B NOHWPETHUS CAYZOLD, II2, 6 = 5. I/4,4 = 5.3. IS. II6,2 = 77 K N=2 = 13.18. 17. I18,0 = 13.17. I18,0 = 221 Sin18x dx. La oz Hazur $J_n = \int_0^{\pi/2} \sin nx \, dx$.

3a In como is e Hampin pery pertita biogra: $J_n = \int_0^{\pi/2} \sin^{-1}x \cdot \sin^{-1}x \, dx = -\int_0^{\pi/2} \sin^{-1}x \, dx = -\int_0^{\pi/2$ + 5 wsx. (n-1) sin "2x. cosx dx = (n-1) 5 sin n-2 x cos2x dx = = (n-1) $\int_{0}^{n/2} \sin^{n-2}x (1-\sin^{2}x) dx = (n-1) \int_{0}^{n/2} \sin^{n-2}x dx - (n-1) \int_{0}^{n/2} \sin^{n}x dx =$ Jn=(n-1) Jn-2 - (n-1) Jn. \Rightarrow $nJ_n = (n-1)J_{n-2} \Rightarrow J_n = \frac{n-1}{n} \cdot J_{n-2} \cdot n$ repose that alone that at the second states. the caremen chyras n=2k, zamoso son Hu ntrepecyla. $J_{2k} = \frac{2k-1}{2k} \cdot J_{2k-2} = \frac{2k-1}{2k} \cdot \frac{2k-3}{2k-4} \cdot J_{2k-4} = \dots$ $= \frac{2k-1}{2k} \dots \frac{3}{4} \cdot J_2 = \frac{(2k-1)}{2k} \dots \frac{3}{4} \cdot \frac{1}{2} \cdot J_0 = \frac{(2k-1)!!}{(2k)!!} \cdot J_0 =$ = (2k)!! . \[\sin^2 idx = (2k+1)!! \frac{1}{2} \] \[\lambda \] \[\lam Bereight depuyla e b enla nga n=2k+1.
Tan delero e non n=1, $\int_{0}^{T_{2}} sm \times ds = 1$. n Terala Jext = (26)!! (2kt)!! Ja ce bapien ken zadazara, Ji8 = J2-9 = (2.9-1)!! = 17!! . # = 17!! . # . [8!! 2. DECATEMO, V= 10.38 . 1126 = 1038 . 118 = = 10.38. 221. 17!! T , rosto e a cipostomuze che marko, to be nan reolotturetto zucho (3amoro e oden, probla da e monotturento).

Karro e abouther attresporte mothe ga ce Haulpu yettep ta -y-Temerra Ha pabitutta purypa, Taka c Tpoutte uttrespain mothe Jace Hallepu yettip Ha Tettecto Ha reportpatterbetto 7-310. Нама да се спираме конкретно на този въпрос, защото нама Humso Hobo karo ugen. Ште поканен е два примера как могат да се слятат "обени" на Myoninepita Tera. AKO KERN , TO "OTEMBY" Ha K e V = III... I d'e, d'ez...den. Books Hoco Tola e n-neptus aden. 1-repett voten-destiller, 2-nepett voten-ruge 3-repet over - voter, n-repet voter 3a n = 3 como me Hapurane over Remainster na Kalemeen macu, re ano: KERN, K: (xx, m) EDx, TO $V_n(k) = \int_a \left(\int \int \int \int dx_2 dx_4 \right) dx_1 = \int_a^b V_{n-1} \left(D_{x_1} \right) dx_1$. n-1 repet ofem to Dx1 Bad. 6. Harepere "adena" Ha MHOHRESTORO (X1, X2, -7 Xn ≥0 Бег. Това множество се нарига п-мерен симплекс. Mar n=1: _____ - orcezka (DENHUHA a , FE N=2: _ ryodoziehet Trubszytuk cec cipatta a, mye a? n=3: об - правобітенна триътъяни със страна а п bucozuta a $\Rightarrow 0 \text{ den } \frac{a^2}{2} \cdot a = \frac{a^3}{6}$. Buttain, re obenter e uptterattra no a (notte za n=1,23). The budon, re roba e lo cula za besto n.

Peru. Acea e Vn (a) oznarun Tepcerus oden Repadent Anteria custa X1 = a: y1

Xn = a-yn яконанот в слугам е пяп детеринанта. $|\mathcal{I}| = \begin{vmatrix} \frac{\partial x_1}{\partial y_1} & \frac{\partial x_2}{\partial y_2} \\ \frac{\partial x_1}{\partial y_1} & -\frac{\partial x_2}{\partial y_2} \end{vmatrix} = \begin{vmatrix} a & 0 \\ 0 & a \end{vmatrix} = a^n.$ x;≥0 => a.y; ≥0 => y; ≥0. Duye Mit. - + xn &a cos alynt. - +yn) <a => y,t. -+yn < 1. Theodogydarme cumprence do 1 y 1 - 1 y n 20 - comprence a q = 1. Vn(a) = Sf. - I ldx, - dxn = Sf. - Sandy, - dyn - an Vn(1). Karro npedrosomurme, Vu(a) = west · an. Octaba da Hampun Torza ROHCTAHTA, T.e. Vn (1). Romanare Radamepu. Sa fuxcuparto y E [0;1], MHOHECTON xoero ce nolyzaba e | y21- yn 20 | yzt... tyn ≤1-y1 (n-1)-repet currière c a=1-y1. Vn(1)= { Vn-1 (1-y1) dy1 = cornacto Rasanuepn. Ho $V_n(a) = a^m V_n(1)$ batter ja ŝcaro n n bcaro a, T.e. $V_{n-1}(1-y_1) = (1-y_1)^{n-1} \cdot V_{n-1}(1) = 7$ $V_{n}(1) = \int_{0}^{1} (1-y_{1})^{n-1} \cdot V_{n-1}(1) dy_{1} = V_{n-1}(1) \int_{0}^{1} (1-y_{1})^{n-1} dy =$ $-V_{n-1}(1)\int_{0}^{1}(1-y)^{n-1}d(1-y)=-V_{n-1}(1)\cdot\frac{(1-y)^{n}}{n}\Big|_{0}^{1}=V_{n-1}(1)\cdot\left(\frac{1}{n}\right).$ => \n(1) = \frac{1}{n} \ \n(1) = \frac{1}{n} \cdot \frac{1}{n} \cd Hanepurue Moterationa Vn (1) = 1 n TS ce cerracyla c престетностите по-рано п=1,2,3. DroHzatesHo, Vn (a) = at.

Sail 7. Hanepere ofena Ha KEP", K: x,2+-+x,2 < P2, P>0. bes, le n-repto resolo e padaye 2. non n=1, Ke orcerka e 26/14/4/12 2R n=2, Ke kpar cluge TP2 N=3, Ke кълбо с обел 4 ПР3 от задага 1. Както п прп сплямка изпенда, ге бела е константа по Рм. Pem. Oznazabane repettus oben c Vn (P). | X1 = Ryn | II = Ph, rolyzasahe Vn(R) = Ph Vn(1) | xn = Ryn karo b 3 a Dara 6. CEC CUMHATA 3a repatroci, breco Vn(1), Hera rumen mocro Vn. Terra Vn (R) = Vn - R. Ocrasa da Harregun oderna Ha kj: x,2+-. +Xn =1 Quecupane x1. Torala x2+... +xn2 ≤ 1-x,2 => 1-x,2≥1, x1 ∈ [-1; []. X2²+... + xn² ∈ (N-x²)² - vola e (n-1) repto ≥ Esto c padnye N-x². $V_n = \iint_{k_1} \int dx_1 dx_2 dx_1 = \int_{-1}^{\infty} V_{n-1} \left(\sqrt{1-x^2} \right) dx_1 = \int_{-1}^{\infty} V_{n-1} \left(\sqrt{1-x^2} \right) dx =$ $= \int_{-1}^{1} V_{n-1} \cdot (\sqrt{1-x^2})^{n-1} dx = V_{n-1} \int_{-1}^{1} (\sqrt{1-x^2})^{n-1} dx, \text{ attanometts the 300.6.}$ Rodutte partata pythyni e zetta à chiespuret uttiepsal. $= V_n = 2. V_{n-1} \int_{0}^{\infty} (\sqrt{1-x^2})^{n-1} dx$ Rosasane x=wst, NEIO:17 => t ce neth or \$200. dr=-sintdt Vn=2Vn-1 fr (mt) (-smt) dt= 11-72 = VI-ws2t = 15m2t = 15int = sin (6 utreplana [vitz], smt 20). = 2 Vn f sm t dt = 2 Vn Jn,

vodero In Jeme Detutupation repechettato lo zadara 5. n 0 1 2 3 4 5 6 7 8 In 1/2 1 174 2/3 311/16 8/15 51/32 16/35 35tt 256 (Jn= n-1 Jn-2, c Hazalth y clobus Jo= 1/2, J(=1).

Toraba er $V_1 = 2$ n $V_n = 2V_{n-1}$ In mother ga nameput V_n nothe ga replace the state of Vn 2 17 / 18 18/15 | 13/6 | 16/13/05 | 11/24 $V_2 = 2.V_1.J_2 = 2.2.\frac{\pi}{1} = \pi$ $V_3 = 2.V_2.J_3 = 2.\pi.\frac{2}{3} = 4\pi$ Coracy Sat ce Seventhata of Hazaroro 3 avorgbane, re tzk = 71 k 3 a k=1,2,3,4. Motten ga goratten ru nitgyright e perypetitilara dopmyka. Baza umane za k=4. Hera Vzv = IIK V2(LH) = V2K+2 = 2 Kx+1. J2K+2=2. (2 V2K. J2K+1). J2K+2 = h.n. or 300.5. Toraba V2K+1 = 2 V2K. J2K+1 = 2. 11k (2k)! = 11k. 2 k+1 (2k)!! = 11k. 2 k+1)!! Canacto (2k)!! = R-112.2. 2'k) = = 2k. OKOHZATEIHO (NEK (B) = PZK NEKIT TK. DZK KEN Vn(R) = { V2k11 (R) - R2k11 (1) = 7k.2k11 R2k11 R=9/...