D Neuro D'nobegeus per

(2) (1) (1) (1) (1) - 2 hunterino

(1) (1) (2) (1) - 2 hunterino

(2) (2) (2) (2) (2) (2) (2) (2)

(2) (3) (3) (4) (2) (2) (2) (2)

(2) (3) (4) (4) (5) (2) (2)

(2) (3) (4) (4) (5) (4) (6) (6)

(2) (3) (4) (4) (5) (6) (6)

(3) (4) (4) (4) (4) (6) (6) (6)

(4) (4) (4) (4) (4) (4) (4) (6) (7)

(4) (4) (4) (4) (4) (4) (7) (7)

(4) (4) (4) (4) (4) (4) (7) (7)

(4) (4) (4) (4) (4) (4) (7) (7)

(4) (4) (4) (4) (4) (4) (4) (7)

(4) (4) (4) (4) (4) (4) (4) (4)

(5) (4) (4) (4) (4) (4) (4)

(6) (4) (4) (4) (4) (4) (4)

(7) (4) (4) (4) (4) (4) (4)

(8) (4) (4) (4) (4) (4) (4)

(9) (4) (4) (4) (4) (4) (4)

(1) (4) (4) (4) (4) (4) (4)

(2) (4) (4) (4) (4) (4) (4)

(3) (4) (4) (4) (4) (4) (4)

(4) (4) (4) (4) (4) (4) (4)

(5) (4) (4) (4) (4) (4) (4)

(6) (7) (4) (4) (4) (4) (4)

(7) (8) (7) (8) (7) (8) (7)

(8) (8) (8) (8) (8) (8) (8)

(9) (9) (9) (9) (9) (9) (9) (9) (9)

(1) (4) (8) (7) (8) (9) (9) (9)

(1) (4) (8) (7) (8) (9) (9)

(1) (4) (8) (7) (8) (9) (9)

(1) (8) (8) (8) (8) (8) (9)

(1) (8) (8) (8) (8) (8) (9)

(1) (8) (8) (8) (8) (8) (8)

(1) (8) (8) (8) (8) (8) (8)

(8) (8) (8) (8) (8) (8) (8)

(8) (8) (8) (8) (8) (8) (8)

(8) (8) (8) (8) (8) (8) (8)

(8) (8) (8) (8) (8) (8) (8)

(8) (8) (8) (8) (8) (8)

(8) (8) (8) (8) (8) (8)

(8) (8) (8) (8) (8) (8)

(8) (8) (8) (8) (8) (8)

(8) (8) (8) (8) (8) (8)

(8) (8) (8) (8) (8) (8)

(8) (8) (8) (8) (8) (8)

(8) (8) (8) (8) (8) (8)

(9) (8) (8) (8) (8) (8)

(9) (8) (8) (8) (8) (8)

(9) (8) (8) (8) (8) (8)

(9) (8) (8) (8) (8) (8)

(9) (8) (8) (8) (8) (8)

(9) (8) (8) (8) (8) (8)

(9) (8) (8) (8) (8) (8)

(9) (8) (8) (8) (8) (8)

(9) (8) (8) (8) (8) (8)

(9) (8) (8) (8) (8) (8)

(9) (8) (8) (8) (8) (8)

(9) (8) (8) (8) (8) (8)

(9) (8) (8) (8) (8) (8)

(9) (8) (8) (8) (8) (8)

(9) (8) (8) (8) (8) (8)

(9) (8) (8) (8) (8) (8)

(9) (8) (8) (8) (8) (8)

(9) (8) (8) (8) (8)

(9) (8) (8) (8) (8)

(9) (8) (8) (8) (8)

(9) (8) (8) (8) (8)

(9) (8) (8) (8) (8)

(9) (8) (8) (8) (8)

(9) (8) (8) (8) (8)

(9) (8) (8) (8) (8)

(9) (8) (8) (8) (8)

(9) (8) (8)

(1) 3/12 u 3-1/2 · Baceda M. rupey an?

3/12 · K=0 k! [[k+3/2) (x) 2k+ 1/2

1-1/2 · E (4k) [x) 2k · 1/2

Ma! manp: 3/12 = 1/2 sin x;

3/12 · V = 1/2 corx

(3) unresp. rp. e g-w b.

3/2 · 2/1 corx

(4) unresp. rp. e g-w b.

3/2 · 2/1 corx

(5) · 2/1 corx

(6) unresp. rp. e g-w b.

3/2 · 2/1 corx

(7) · 2/1 corx

(8) unresp. rp. e g-w b.

3/2 · 2/1 corx

(9) (1/2) · 2/1 f g e - 1/2 cory - 1/2 cory

(9) (1/2) · 2/1 f g e - 1/2 cory - 1/2 cory

(9) (1/2) · 2/1 f g e - 1/2 cory - 1/2 cory

(9) (1/2) · 2/1 f g e - 1/2 cory - 1/2 cory

(9) (1/2) · 2/1 f g e - 1/2 cory - 1/2 cory

(9) (1/2) · 2/1 f g e - 1/2 cory

(9) (1/2) · 2/1 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(9) (1/2) · 2/2 f g e - 1/2 cory

(1/2) · 2/2 f g e - 1/2 cory

(1/2) · 2/2 f g e - 1/2 cory

(1/2) · 2/2 f g e - 1/2 cory

(1/2) · 2/2 f g e - 1/2 cory

(1/2) · 2/2 f g e - 1/2 cory

(1/2) · 2/2 f g e - 1/2 cory

(1/2) · 2/2 f g e - 1/2 cory

(1/2) · 2/2 f g e - 1/2 cory

(1/2) · 2/2 f g e - 1/2 cory

(1/2) · 2/2 f g e - 1/2 cory

(1/2) · 2/2 f g e - 1/2 cory

(1/2) · 2/2 f g e - 1/2 cory

(1/2) · 2/2 f g e - 1/2 cory

(1/2) · 2/2 f g e - 1/2 cory

(1/2) · 2/2 f g e - 1/2 cory

(1/2) · 2/2 f g e - 1/2 cory

(1/2) · 2/2 f g e - 1/2 cor

Hy" = # & e-1x slas + 12 ds; 4(0) = 1 5 e - 1 Kalost 18 ds 201 6, u 62 => G 1 1 12 201 6, u 62 => G 1 1 12 16>0/ 10 (a) H_v u H, -chijb

H_v (x) = e + v T H_v (x) | H_v (x) = e - i v T H_v (x); con bo: H_v (x) | x) # Se-1xstos - 125 15 = [5 = 7-8] = 1/1 Se-1x81na+iva+ivadde @ y 4 4 - chaps. Ju(x)== 140(x) + Ho(2)(x) July = = 1 4 4 / (x) e 10 / 4 / (2) /x) e 10 mg me XER YUGA. Buy vaa H (2) Onp. 97-111 4EUNAUA No (x) = = 5 H5 (x) - H5 (x) 4; npunyxee N obn Munn 2. H No (A) = 2; \$ # 5 e (x8/05 + 185 d5 -Vix seistings ds (3) Cho 26 2, N, 4 H(10/x) = 7/x |x | + 1N/x (x), (DACUMITOTUZ. 9-10 gru H. 12 Ho = 12 e-1(x-2 = 1)+0(x-3/2) B ACUMP, g-no goul y

Jo(x) = V= cos(x - VII - V)+O(x)

=> npo Eonemie x => ocujan.

g-in x, ege cummungo d

c poctom x max x - 12, a p e windy aymone > T (Be mynu, pome x co, npoctoe)

B ACUMPT. g-na gou. N

Not x + f + Holx - Holx | E | E |

= if V= e | x - V= - V | - V= |

= if V= e | x - V= - V | - V= - VII - V 17 No Beguve J, N, 4 B oxp. D No (x) = (= (1) + 1) (= 1) 1 1 2 0 1-1(n)(x)-1, 2,0 1, 1/2/2/2 / = 1 = 1 = 1 = 1 = 0 = 0

(B) 302000 up coop . 20 20 20 5

(3) Teop. Creenoso gru on See repositionerase 2 go verypep. queg. 49 (0,2) go u flat) yg. reparties you. flat = 0, flot o pajnoraemou & ace u pabu.
exog pug no acom go un
gatueco apaetou pagaru:
1/x /ax (x w/dx) - (x v/x) u=0 14(x)100; 410100 1(x) = & fou(x); fo(x) = 1/4 | f(x). 8 cn. sp. yen. 1 pood. While son & @ -11- B ca. 2p. y. 2 poda Journ Iraco @ cosemb. p-w upyea Une (+,4) = In () xmr / 800 n4 n= 1,2 11 ; K= 1,2 11 120 2" = (10) 2 (2) 2 10 (av xm) =0; J(Nm) =0; yen- + 400M. 84/01/ra =0 => y'n [M'm) =0, early he a + U = cons 3-10 police : 24/or - hu /rec =0 Va J' (Tra) + hJ (Tra) =0 (9 9-na gas 11 1 c.g. 22 40 c.7. 11/2 12 Ja / 1/2/ 1/2/ 1/2/ 1/2/ (atx)- (1-12) 1/2 /avx) 3 Jule 0 4 1/2/1/2 3 1/2/1/2/11) 5) 30/21/20 112/11/2 0 /1- 1/2) 1 - 2 | u = 0 ; ix + dx / ix + dx /+ 11+ 2 14 =0 => - 1 dx (x dx) + (1+ 2) 4 = 0 (6) Onp. q.- un Ungenson +1) /x/24+2 - Uln. bus you x>0

(2) In u I-n chugh Tixk T(x) $J_{n}(x) = (-1)^{n} J_{n}(x);$ $J_{n}(x) = (i)^{n} J_{n}(ix) = (i)^{n} J_{n}(ix)$ $= [I_{n} = (i)^{n} J_{n}(ix)] = (-1)^{n} (i)^{-2n} I_{y}^{y}$ = [In=(i)"]-n(ix)]= (-1)" (i)-2n Ily

= (-1) -2n In = I-n(x) (-1)

(a) Acumin. q-na qna I

In (x) = (-2) y (ix) = (-2) (HD)(ix) + Ho (ix) 9= ex (1+0/1/x)) Dop. p.w Margonanda Ko(x) = I i del Hoo(ix) DACUNAT. go-Ac gow Makeg. Ko(x) - 1 = ex[2+0/x] E)(A) = 1 = e [2+0[x]]

D) Onp - e maccur. qr. nonum6. may. cuct. 1p, (R) y honducall
beex amenacio haccur. opt.
nonumento haccur. opt.
nonumento haccur. opt.
nonumento haccur. opt.
cucantico ha [a,b] c becom
p(x), yg. ma [a,b] guap yn. w
p(x), yg. for [a,b] guap yn. w
p(x), yg. ta [a,b] guap yn. w
p(x) yg. ta [x] - p. uu, yg. yn.

xm[x] p(x) b = 0, m = 0, m.

T(x) = A [+ B [A, B onp. cu by
yon. w xm...), a p. u T(x)
T(x) = 1(x-a)[b-x] nou a4-o bd. J(x)= 1 (x-a) (6-x) npu a4-00 bton

x-a, a+-00, 6=00

b-x, a=-0, b+00

1 a=-0, b=0 E) Teopera o uguex kronos Knon PA(X) UNICET poble n buy pu comp ke [a,b] (3) Mr. NU KNON grough. OT KNO ga! c kun g.(x) = o(x) p (x) (zogav. ua [a,b]) (sp-e gue KNON 0 (x) p"+ t(x) p"+ 2, p, (x) =0 une de for de de de dospo e O 3 3 agara ua c.go. Dru KAON ax for ay 1 - 20 py =0, xela, b) 14/9/100; 14/0)/00 36 Ana gue c.j. j. W-ngue 10=-1/2,+ 4-7 (11) @ Oby gona and KAON /Rogan Po(x)= co do (50/k)p(x)) 6 = 1/2h; Anm = [-1] Ank Ann = -[n-m] 5 [n-m-1] = + T/4

BB Og. rower. Seosu KNON, Jagari. ua [-1,1] w apmorou. ua nen e becom pix)=11-1) * (1+x) B, vay- as попин Якоби и огодиаг. 3 p-na Pogpura anon State (1-x) "(1+x) P dx" ((1+x) +1)(1+x)] Com. nonw. New autope P(x) = P(0,0)(x) => p(x) = 1 v(x) = d v(x) = -2x => IN=B=Oj 4 adogu. Pn(x)=> 1) Bagaza wa astarb. Ju. Dan Pen dx [(2-x) dy]+ hy =0, -lexel 19/±1)/<0 92 B-c gru p.g. ronce. News. In=n/n+x+B+1)=) N=B=0 DA TOPALLY 18 11 12 gne nonw. resaude cy cour go no lip, 12- (-1) n! an (n) o (x) p(x) dx => ||P_n||2 @ ape non . Norseppa 21 KADA jagan wa (0,00) u opmer. ua ueu e econ per x e x uaj co ozozeg. nonuis Marcepa u of LIMIXI exn+ag. (B) Ong. non. 2 preuta KNON, 200 ua (-∞, ∞) u opi ua uest e becom p(x) = e xe non. 2 preut = (6xe(-1) =) H_n(x) e (1) e xe (e xe) Ma(x) E(-1) next of the (-1) =)

(6) App. npouglog. go-uu KNON

1 pouglog. go-eu knon uay-us

go-u 4(x,z), paynomenule

kom. B pung Teuropo npu

gurranomo manon z upeu:

bug 4(x,z) = \$\frac{\text{pa}(x)}{\text{pa}(x)} \text{z}^n

rege \$\tilde{p}_n(x) = L \text{pa}(x), paynomenule

rege \$\tilde{p}_n(x) = L \text{paynomenule

rege \$\text{paynomenule

rege \$\tilde{p}_n(x) = L \text{paynomenule

rege \$\text{paynomenule

rege \$\text{paynomenule

rege \$\text{payn

2ge pn (x) = 1 pn (x); 084 big V(x,z) = P(to) 1 P(x) 1-25'(to)

ige to to(x, 2)-kopelle t-x-

(3) Apour 809. p. gus n. nex aug. 2+2+t-12+x)=0 = t-x-20/A 000 9 4(x,2)= & Pa(x)2"= 48) Han. NU OUCT. n. Nex. pane. un. PO TECHNA CTENDE - THE PEX. Boerow 2-go gug (uenpepale us) ua op en (-1,1) po the paparient base u pails) coof pag no noneu herough flx) = \$ 10 fn | 2011 S. fix) Palxidx, n=0,1 ... On pureg pui f(x) Apucoed of Mexauge way as of my come : ping a m Po (x), age dxm Polx), zge PAIX) - nowwear New-pc. Inpu min n. P = 0; npu m= 22, noww. crenew n; npu m= 5) 30goro ua c.j. gus no. go. he | [1-x] d plm (x)]+ (1- 1-xe) plm 1P(m)(+1) (0; -1<x<1 62 cose. gu. gus npuc. q. Nes. In = n(n+1) (3) 112 gru your q1-Nex.

1/p(m) 1/2 2(n+m)!
(2n+1) (n-m)!

Mex. JONEU. 4 HONGE ? QUITENIA MUCOCY PULL NEN. The nince of all have cooled =) nonuota cucrenca. (5) Teap creenoba and np. ap. 1 Buskaw of a flx), glorido very recorded of the glorido was guest to a contract as a contr Ege || || || || || 2 (n+m)!

orpaine da equinaion espera y + AY = 0, 0 < v < ti, 0 5 4 5 % ygolo. yen-w nepucquewow no y: Y/v,y) - Y/v,y+20) u oonog . winpeporter. npougl. go Emoporo nonegra, ucy. (Sing of sing age; IVIOT; 0)k () Sagara ua c.g. nu copep. q. Y/2,4/2 X/4,4+20) 14194)100,14(1,4)100 E obs. nu eua. cop. og. nonu. u. Cuciena cop. og. nonu. u. ua egui copepe e 10 eve n 0 e 4 s 2 1); cuciena copep que nonua 63 you optorouantwood op.9 1 1 / 1m, 1/2 4) 10 (1) 4) sind did 00 npu n, +n2, m, + m2 (17/1m) | 2 - 5 | Y(m) | 1/2 | Y/m | 5/1 | Kg | Y/m | 5/1 | Kg | Y/m | 5/1 | Y/m ((0) v) e'm ((1) (v) () = p(m)) (4 | | (| m) | 2 2 (n+m) | Em = 1 12, m20 (gree gr-cii ca N61)

6) Teap. Cletrobo gru ap. ap. ap. Bocker ap. op. 18, 4) goania lunger grap da egitu ape pe, paykaraeman é asc. le parte cargo peg no egrep go. Hv, 4) = \$ & fam Y (m) (v, 4) tae from " Il Im) | Story () () () () () Sind didy Igne go wi (m = 0,1 mm) you nannocca begges ck.

69) J. no C. g. 2nd wopa - 14. 104 + 24 = 0, MEKa 14 11= a = 0; u ≠ 0

3 56 Nu wap g - e.g.

ice ubn.

55) 8 ag . 40 c. j mu wapo - ueun outhors, Meka Quelor Iraco 7 40 ou = 12 0 /200) + 10000 00 9 th - stro and (stro 20)+1 20 В вобст. ф-ш шара 4 knm (50,4) = + In-1/2 (1/2 (00-1/2)) m=0±1 ... ±0 53 ino tome kaper you be 2. np. 2-20 nop- to 6 no 2- np?

me unexpand kap ka you and and 2 nop way 2000 ege a2 - a, a22 - quarpen. В каноник форма 7,3,0 ур. E: Us - Ump = f unuling = F 2: 43+ 479 = F(3,7,4,4,6) Dap. Koppertuo n. g. Adam. strace traje co nop uo . Jogora tunes pe nop v gonycremon vexoge goulds (7 peut-v) e) kangon wexog gonnon u cort teneko te peur e l'apropuarerocte peur g 3) peur e y concèrcuso 1 2 - e 10], u-ucx gour; E peur

D Journey noct. H- Kp 3. grul Ut = a Uxx + f(x,t); oxxcl 410, tl = M, (t) W(4,t) = polt/ 1+20) Uz (x, D) = Q(x) BEXEL) a 1x,01 = 4(x) 2) Onp. who. pew u. - 1 90 yp. u won. who peul. wer- up segares fut = div/ (k grad u) - qu + f, (N,t) = Q, u (N,0) = y (N, u+ (N,0) = y 3x (P) 3u + B(P) U= p(P, t) NED, DES, t (10,00) uny-en go u u[N,t], unpep. envere e neptone pour bogo. byon yenewage To uncerous were inpouse brongers yenewage as your yenewage as your 20 sp you 3.

(3) Ap. notano Bru noz-ep. pos gu yp- y renponpobogu. Wt = aclex ocxel, a wix, DI= 4 (A) O=XEL ulo, t) = p. (+), u(1, +) = p. (+) DEFET Fy knace pew. One up - & Tenn. Knaceur pew. waz- kp. pag p [N]U+ = div[K[N] grodu]+ + f(N, E); (N,+1EQ00 UIN, DIEGINI, NED 2(P) 24/20+ B(P) 4 = p/(9+), PES, enecte e negonia pociso. breete è regione pocisione mo maggination de la propositione de la pro 1) Pew. J. UI-1 : (45-A5=0 =) e.g. uc.j. 2) opened T. Emernola (6.6) (5,5m)= 5nm) 3) ecru) mac peur.) - 20 [1]
mo no 1. (m. = pagnox & pagnox below

(a) k peur. kakut jadar u checu

(b) peur. u-up. 2-21 ? [pagykusus]

(p) [10] = Lu + f 6 6 Lantpuls = MIPAt) 1 PES, /KI+18/40 ot 10 8/N), x=0,1... 1-1 2) i) oguopogu ag e uyn.
2) ip yol 2) inoguopog e
uyn uar u apau yen;
3) egiupogu e uyn uar y. (2) W-1 gou & c to . yc. D. 105/5=0 10/5=0

3) 7 00 evenue mu b cocob

31. 12, 3 u e. q. 13, [M) 3, c.]

npu 1 n neorg copparaion

kandony e acom. nune

2) paur kangoro ej

hag pup. nenet 2, 20 open

3) c. q. oprovo neneg co

3) c. q. oprovo neneg co

6 D c. becon P(M); 13, (M); [M) & D' c BECON PIM): SUMN) UNIN)

Pau = 0, n + m; y) Teop c pap.

Greenila: prough 2-qb, Hui
ya gigo, pagn. Babe.

ya palou exag pag no c qp

f(M) = Efn Vn | Hu),

fn = 1/110 n | 2 | 4 to p du

1/4- 24- 4, 20) =0 => d (4, 20) -- (4,20)=(f, 20); d (4, 20)+10/4, Jol = (4,00) 5) (4, 201/4:0 = 14,00) 6) (4 (2) =) (1 = [m(+) vm(x) / Jn u fro x => [(1, 2n) = E Tm [vn, vm) = Tn = (4,0m); Th(0) => Th'+ AnTh =
= (4,0m); Th(0) = (4,0m)
=> Th(+) = 0900 guorus

8) u = ETh(+)(h)(x)

anp. (y, t) = 0000 uy 1) 19 nepl. gapu. round. ause c repense proupo 6 p u unicus un per en np. D Fragues, orp James. во вторан ф. Грина 1 (564-402) du = \$1524-425 1 Tperes q. Tpuna Qu - 02 (PMO) = 47 \$ (PMO) On - 00 Puno) dS - IT S su dv, NoeD 10(NMO) = 1 - P. Peul yp. (2) Aprinop up. g. and up. Non 12) 1ym. 15U=0 10U + hUs = f/P) Is conv. op-u (3) Onp. raps. op-w. Nower of which we have postered on the contract of the co vo 1/Rimo, ecres Mobile D B) Teop. Pays. In copn. op-Ecni, y-tapy & Och D93 no g Byon S=0, zye S-nusad and kad porkey-tad not to genuron here g condanti B B) Tagana o coequem gm Tyche u(M) - raph & con D Torga u(Mo) = 1/07 of gu(M) os rge sa copepa page y ca a c yempon & Mu, yem-nent demangual 8 con D.

Bo lapa . op - ~ gug!
Taph . op - o & esn. B. inner?
Becympu D npogragage all
beix naporface - y 3 op.
Epina 17.x npu No e B no b.
Tren wor our norm guas.

(87) Apurajun man. For 1.9 Tapa. 6 con. D p. w with), unperposence & garkery. Tool con-to D; governmentem coux mon y min yu. un yo. S con-to D favorus your wite; p. y, commercial on const o голько не фанице Enpuyon galuuss Echi 22 6 go as alu) 4 of N) wingepolico & garky. con-ru o u : Us = vs , mo Bregg Buyspo oon . 4/M) sily Bregg of the Sagaro Rupuna un nomes united sone equo LE MONIET CHILDE TONE EQUID LE RACE PEUL (RIN PEUL BU J DUPUNAL SU - F ED, UIS = 4 UCJ 9 - XU(NI), TRENTED : 8 JUNI CEN. D = DE STENEDELS : MINTO EMPORE INDUSTE : BD, VB : VD EMORE CHOOLE & DEN. BU NON MONIEM : 1 7 8 PULL U, U UI = 7 T= U, U = 5 25 (5 °C 'G) AP MAX SINKO U V(N) > 0 -5 26 (1) = 0 THE O VINISO SUM = 0

Dress e eg peu Br. 3 13 P. 19

Dyint hips uas, opicent

\$ 40 . There or pag 20 20 - F 8

D, dujent hils et, age n

buen no oner e peu uero

oner ogenoro unoc peu u

no peu Tiup ag u [N], ning

briete e neptoniu pou pou

briete e neptoniu pou

briete e neptoniu

briete e neptoniu DEGUNGE CONT, 1 K. CY

TO PROUP CONT.

TO PROUP CONT. yok-ba gow III: grad 4 = 0 & A (15-0, a ghi weenheld goton of the const of the const of the descond of the descond of the descond of the const of the con < 4/12; 104/04/54/23/18/2) 15 H Ege A = const

83 Pez. HO D & CA. 2-X Nep.

2-y 2-x Nep-OX W(X,y) way.

perypulpuoc ha ox, eine our

cunicet houselice needs neper

39) Teop. O eg. peur. hum. hp.

pad Dupunn & TREXMIPH. CA.

Bueum. jagora Eupenne ue

moxet uniet o conet couroto

en. hell, peryp. wa Seu. Extraction of the extraction of the peter, perent, u, uuz; i=u; uz-peter. ex =0 & De; is=0 =0 to 1 for the extraction of the extraction of

gru yo Mann. 6 2- meps. or. SHEWIN AGGIVE RUPWANE HE BHEWIN TO WE KNOKET WHICH TO THE CONTROL OF POWER PORTING SCIPLICE OF BOE, UP SO, INTENDED A MORATUM TO CHE WASTER TO LIEM DELLE SPEW WEOGH. OG. GO SQUARE PEW W. Ep. 20 JOS ONDY W. W. BOTTO OF COME 30g payeur ui beirga o ear ei peel 7, mo our kiegewar 1 g f (p) d =0 - yar paypeur (\$ f(p) of =0 - gar paypelly

(\$ 1 3-x mepuble on:

Pewelle equipment: [nponity of [p | eau one ou.] v=0=>

equipment)

(\$ pop. p. Ipula bu. pog. Dup
2- o (IN, B) way of [pula onep.

The moder, early old your onep.

Resimble of the popular of [pula onep.

15 (IN, P) = 1/4 popular of [pula onep.

15 (IN, P) = 1/4 popular of [p. 1]

2- of the popular of [p. 1] 2) ((M, P) = 2/4 PRAD + 2 1 29 2 2 1 29 M. B 2- W DOWN CHOOSE CO 9 - U C/M, D) WEY 9 - EU (PRUMA CON TO, EU) 29 EU (PRUMA CON) (CM, B) = (1/27) LD 1/200) + 2, 29 2 - 29 M. B D 9 - 3 21 (1/14, B) HEF = 0; F- FANKEU CONTROLUME CO 20 D So mousage not-no DO OBZEN. noranguan. Cb-ba Murespan VIM) = Spla) IVO May. OFF not. Deve 1) Pacchcap. OF not, wak octy 1) Pacchcap. OF NOT, wak octy 1) Pacchcap. OF NOT, wak octy σοδολίς ρευν θ (M) σολ.
οδολίς ρευν θ (ηρ σολ.
οδολίς ρευν θ (ηρ σολ.
ως δυν 4 πρ. Πρω δολ.
ως φεριμίτε ως σρ. σ. πο V(M)
μέρρ θυσρ σρ. θο δάλι πρ. δε)
εκπυ φενίκη δικέστιε ε σ.
πρωής δ (Ν) ρε φρ. υ Νχως.
Πολ τερρ. ο ποδυδιείρι. εχος. (VIM) cheptica f u //p) chaple.
(102) Teop. o potubuleju. cxog.
accordent. J. 706. om nap-pa.
Murerpan VIM) = SF(M, Q) f(B)
dTa palecene The paleunication construction of the paleunication of the second grad with the second grad with the second of the second grad with the koles a grad with the wap the second with the second of the second with the second of the second with the second of the se pageyca SIE) e yewyon No exag. & T. No eart nepper. Q-0 6 amoi Tocke No

Des Con no Benza Totelly.

Domewy- proctor chou B
5-x neptros engrae way-col

unterprin orgo VIN) = Sulp). dSp/RMP, ege 5- weraw neb To M/p)-0-0, sag ve not os s, 100 -11 - glowers chos Ege S-gbyonepovedo nob-to

no everences apprant a

nob-to S & 1. D (& ton. co.

nob-to S & 1. D (& ton. co.

nob-to S & 1. D (& ton. co.

nob-to S & 1. D (& ton. co.

nob-to S & 1. D (& ton. co.

nob-to S & 1. D (& ton. co.

2/p) - p-v. Jag ug S - mortus

une wini = IV/P) con. 85p

2ge y - gran numby su upp

4 nob-to S & 1. P u berton E nob TUS & T. PU bectiper 105, nozapugow. not 2-20 cross (05) nozapuspii. not 2-10 chos

Va m-ni notellistan govin.

Crow (noz) => w(n) = - fv/p)

Plan in Plan dip = fv/p) (204

dip; zge no bullili luopivari

e eputor c 6+. p. y-y-or

registy buspi luopii. b. p

locopor poi pp. luopii. b. p

(06) not not mocroro chos

=> V(N) = S |U(P) in /P, np dip

(07) not-no noy noyuobo 100 Tob To Sug-co nob- 10 A. eonu: 1/B Kangai morke no. s I copegen. acpricat funcional raccional 2) 7 Takee d>0, one grence, cuavo i un dones equero popo racont not tus, ne vicus lu THE TOP IN STREET SEED OF THE PROPERTY OF THE u orp morriscon sole cuanos so com the series of the serie

nn-10 Buffpufua u Buc usc. n? V: - yuyrpu, We - euepyseu V: (M) = WIN) + 2TTVo; We (M) = WYM) - 2TTVo com + cok: (1) - WED (NA D+S)

(1) CLASSOR NOT 2- CLOS NOW

(1) CLASSOR NOT 2- CLOS (1)

(2) (1) CLASSOR NOT 2- CLOS (1)

(3) (1) CLASSOR NOT 2- CLOS (1)

(4) (1) CLASSOR NOT 2- CLOS (1)

(5) (1) CLASSOR NOT 2- CLOS (1)

(6) (1) CLASSOR NOT 2- CLOS (1)

(7) (1) CLASSOR NOT 2- CLOS (1)

(8) (1) CLASSOR NOT 2- CLOS (1)

(9) (1) CLASSOR NOT 2- CLOS (1)

(1) (1) CLASSOR W. (P) - We (P) = 4172(P) Bloo chop. by . Progransmo & . Deo. chop . bu. J. u buend , Dup . u uninbua gus yp. Nan. V(Po) = in & V(P) 2 Losp of the U/PO) - 1 \$ 1/PO) 2 - 1 Sp - 1 1/PO

20 - 11 - Bu. 2 Hein, buil 2. D

20 - 11 - Bu. 2 Hein, buil 3. D

20 - 11 - \$ 2 1P) 2 - 1 Sp - 2 S 1 disp# M(Po) + 20 3 M(P) Enp. 200 27 f (Po) , Po ES Buy pour Bu 1. D no yp)
Buy pour les jag Dupini,
su = 6 6 Dy went le aporton
is = 6 general knoc p.
py noton herp op un f une eg un peu nput 18) 7. 0 7 peus. buen . J. Dap with the when of reme november of the second se

121) Pyud. paus. yp: J Pen-ya NOU e=-X20 > Ko(XENNO) 1/ 1x Runo) ~ (n /xenue) nou c=k2>0 6 02p. 000-14 Holkenno, Hol-11), Nolkenno b morp oon = oqua uy p 40'2 (KRNHW); /402= = 21 60 x, No = = { (n + gar x > 10, 402 x 122) Plug pew. 3 x repusio 9. npu c= 200 exp(+ in Rum)

npu c= 200 dexp(+ 2 Rumo)

Born ora 6 oup oon you c= Keso explixily a county 123 Cosème nor . In yp . RAKA

T(M) = Sp(Q) eikhad No M&S now. VINI 49. 4p: aV+ (13) notemy goodwood cros 126 yen-4 BO DONU . MOUNT MON 64+60=0 1. Apr 200 11/10 C>0 UNIDENCED : 6 KPYPE 05/20 PRIVING : 6 KPYPE 05/20 PRIVING : 6 KPYPE 05/20 PRIVING : 6 KPYPE 123) Equical priving : 60 123) Equical priving : 60 124) Equical priving : 60 125) Equical : 30000 50-20 120 60, 015-4 Ke in united bonce oquerounac. peres, * jegara bu-x'u=0 BD; dufon+huls=+ npu hIPI >0 ue ni unex anei egu kn. pen INDUCTO COD JU. o MOMPHUS DI LA CONTROL CONTRO NED, teloTy, DEDUS planut = diviringrodu) + fun ula, or = yla), la, t) = oo, m = o Lloj = ula, + plp) u = ju (P, t) Pes, t e [0, co), ege f(M) = pla). du) >0, g(N) - mornicent, C(N)-49 memberue ((N))0 -4070 membero, 2/0)20 8/0)30: 4(0)+8/0)20

129, Onp. wac. pew. war. wh. knoc pew ii-k j (cu N128)
ucy-co u/N, t), werpepo buar
buecre c nepto neo roport no
noupg. E nenten continue aport
an ingloso nopoga no t Emphore noprogramo 4 8 6 monoro continge con 4 8 8 monoro continge con 4 6 8 monoro continge con 4 6 8 monoro continge con 4 6 8 monoro continge con 4 monoro continge con 4 monoro continge continees continues (P)= NIP,O), PES (P) = MIPD), DES

130 Apunium max. One napad

I ulin't) were proposove & James,
yunium per 5 = {MED. Oxeter
were use & comep. Concertifie & T
oque posturny you pare = distribution of the grood of you rige p(M),
elm) > 0, q(M) > 0. Torga whist
never poconviere toour none
never tooker nut on mission in
just tooker nut on mission too
nut tooker nut on too mission
just tooker nut on the too
nut tooker nut on your as min
just tooker nut on your and
Tabling nuy un epalueurs D

Tooker & peur a your pelaluty
e distribution of peur appearance
of your energy
for (M) of your ulin't) hit ounper
Et, your energy
her out (M, O) > U2(M, O)
MED u (10t) > 42(M, O)
MED u (10t) > 42(M, O)
MED u (10t) > 42(M, O)
NED u (10t) > 42(M, O)

Her of your energy
Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

Juneur energy

J 130) Aprunuum max. anu napad. (3) 100 cg. peu 60. kp. 3. Deg segara fut = willing ad u) + f (1, r) + 63 + u(1, r) = 4/M, n = p u(p, t) = fil(p, t), pes, t = 10, t 3 Mones cancer or ogus en peu (hecox you give en peu (pp) = (18) Pen (5) (reports - 1) 133) Teg. 05. yemaur. -11-knoc pew yog (w. 132) yemog who no war w your yemog who no war w your yeor. 6 pehro suppred wynd 134) Teop. 07 Ins ye. wir you ogulpog yp. rem. wa opeyse to 13 yearet we wen kywull Lo, LI, lineet uce were kycorul - menp . npow boguyoo il 998. yan . 410) = 4 ti) = 0 . Torga I 400. 410 kn. pcw. (0< x < 1); u(0,t) = 0, u(1,t) = 0 u(x,t) & coexp(-tn) at splax ege Co = 2 Sylx) sin To xdx (35) 4. [puvo uo op. npv 2009. 4/M, 0, t) = & & ~ t (M) v, 10) nou to u quo nou teo Групки, источника) 136 Haz. jag. ua - apendi 12 = e'x [0,T] u I = e'x[0,t]

2'- 00 openais => 4 = a uxx f(x,t), (x,t) = 2; 4(x,0) = 4(x); x + 2'

(37) 7.0 eg. pew. 402. 109 40 np. Sagara Uz=d'Uxx+S(x,t), (x,t) 6-2; L(x,c)= y(x), x - P' (2ge -2= P'x(0,T); T= P'x(0,T), P'-0,70) number which to ogge know, pew gag was with onneg u kup brucement broponus npous.
no x u nyo np no t b 2,
yg yp-10 (1) b smal con,
uenp no t 6 5 u yg var (1)
por 13 u, u u = 2 cm proubue. 138) 7. 0 3 km. pew god. kouw gru mo ulx, t) = 5 G(x, S, +) 4(3)d\$, 290 9(x,5,+) = 1 exp (-1x-5)2) onjuey . npc (x,t) & 52 knuc pecu yagazu kouzu (au N 137) 139) Pyug peu renn ua ao np. G(X15,t)= zalte exp(-(X-5)²) gyng pau bogaraupu ca ? 140 Dewolu. cb-bo pyng. pau TIGIN; it) onpeg nout > 0 u

nononurrentua >) yyb. yp

rennonp. nout > 0 yyb. yp

iennonp. nout > 0

iennon - C(x,5,+) -00000 g - 0 1) So (1) SHX = 1 = 2 e gray to = 3 c - Tennegaciypo B T. X B NUMEUT to 5) A BENDELUM NACUSARY TO X U S 2 (00 METUR NO X U S 2) (00 METUR O X U S 2) (00 METUR O X U METUR 4(x,5,+)dx = 1 => = gray 2 143, H. up. jagozu ua 42 0 mp) R+ = 10 < x < 04, R = 1 - 2 < x < 0 -2 + 50 < x < 0, 0 < t < 0 | u = > (51) 0504. Bug. Bell. oguap. 2+= 10=x =001, e = 1=00x =0 U/= 0 Uxx, (x,t) = R+1 U(x,0)=0-1 x = R+ U(0,t)= U(t), t>0, M(0)=0 (M(x)SC U(0,t)= U(t), t>0, M(0)=0 (X,t) = R, U+ = QUXX+ flxit, (x+) & si+ 4 (X10) = 4(X), XER+

The second of t npu x EO u run pepaluc c

npouse go N-ie reprosec e)

sugara un o npuncut

e) sup: q = 1, q = 0 = 9 (x) - un.

e) npogonu. Uezimuon oop

uein: q = 1, q = 0 = 9 (x)

uezimu. = 9 (x) - rimua = >

uelini. q = 1, q = 0 = 0 45) Ana Spuna and Dupuna G. 14,5, El = G(x,5, El - G/x, -5,7) east le sat e last y

east te sat e last y

(46) P-na spura and Hein. Ge Glast + tla - 3 t = catht) ige $\Phi(x)$ onp. no or npow cincle cy npour go N-w ng. u & Φ_{x} $\Phi^{x}[x]$ new run on x=0 Ut a sur flm, the last UM, DI = G(M), NER3 0-3-4 rupu. D, a 23-0 x [0]] = \$\(\lambda\), \(\text{H}\) = \(\frac{1}{2}\), \(\text{H}\) = \(\frac{1}{2}\), \(\text{H}\) \(\text{T}\), \(\text{H}\) \(\text{T}\), \(\text{H}\) \(\text{T}\), \(\text{H}\) \(\text{T}\), \(\text{H}\), \(\text{T}\), \(\text{H}\), \(\text{T}\), \(\text{H}\), \(\text{T}\), \(\text{H}\), \(\text{T}\), \(\text{H}\), \(\text{H} (50) Teop. 0 eg. peus pog. kouw

Ecny & gag. k. U. = 6720 3

[N, +) & 23; U/N, 0) = 4/N, 468

Uar. op. u 6/N) pregomals so

B buge 4/N) = 4/N, 42/4, 43/2

me peus els. U/N, +) = 4/N, 0,

U/Y, f/U3 (2, +) = 2ge U, U, U,

peus ogenerencences jogos

(5) Dries. Bug. hays. 00000.

(52) Apulyun DIOGHEND Ecru I d-ra e. 2p. yen by ulo, t) = pult tt>0), uyabax naz. u gon epau yen mo pew. onoi jugaru n. o. preyen. b bige: Ula, t) = ft 2w/x,t-tju/tdt, zyt WIXT) - peu-e cuanoruruo when peur cuancillate ipael jag npe wio, t) = 1

13 Day up - n. jog. cuneps. T.

Jagana of peur con De con peur s, gen peur gran gran gun lung squal lung s, e peur con gen gun lung s, e peur con gen son putt = divingrodu) + gut f (M,t)= 000; u(M,0) = 4(M), U+(M,0)= W(M), M = D; A(P) BUPEN + BIPI U = MIP, tI, PES telos, 154) knac. peut gas zun. 40: Kenge pew u-k. j. 2 way WHIO KENDED . ENERONE uninep. energe composition of fancing control of fancing quanting proof of animal and proposition of the factor of MP, Ollpes; 20 + Bylpes Mil (P,O)/pes) 1837. 029. pew. odus. u-k pg. 309. 30020 (al. 153) M. uneto T. I. Spelv. knac. Dok om nporubu. u c non go I pava. 200 or p B Ut+ = 02Uxx, (x,t) & R(=10,1) x10,00 cix,0)= 4(x), colx,0) = 4(x), xelos u/o,t/0, u/1,t/00, t∈ [0,∞) Motter, ull, theo, to lo, o)

My me war. open gagary of

you forward in ell garango

went good in 20,13 univer

war ell excourt went the

moustoger, yet went of

wy court were we went

eye went eye on opent

ylo epille o e) Torga of enace

peur, npeganab. goodynou

U(x,t) = E Ja, cosu, to book Slovax; ege was Tian refin) α, ε 4 = 2 1 4 1 3 8 1 1 1 3 d 5 b, ε 4 = 2 1 4 1 3 8 1 1 1 3 d 5 657 Onp. φ. New Deu. 707. uno 1 1 pm Glast) = 8 Tina sin Tinx sin => U(x,t) = x fe (2) (x,t) = 1, 2131 dt 22 (x,t) = 1, 2131 dt Ting shownt, was Tah

168) Haz jag na so spunou Utt = a Uxx+ f(x,t), (x,t) & A u(x,0)= 4(x), (+(x,0)=4(x),xex age a const, $2 = R' \times (G, \infty)$, $\bar{\Lambda} = R' \times (G, \infty)$ 159 P-na Danan Tepa il |x,t | = 4 (x-at) + 4 (x+at) + x+at 2 Stat 2

Syleld 2 (pew gru

x-at ogin was zog)

Diegon ype k kancount

sugy dk delt co = nong;

2 yp-u dx-adt-ou dktadt

20 unterpan kon ubn npl

now = boogun web nop,

3 zx+at, n=t-cet = yp-e

nnewoon = Une o (unu u = (1/x,0)=4/x); (1/x,0)=4/x,xee gnu mux zagaz npu te10,7] Bon-co 14,1x,t) - 4,1x,t) 5 8 (107) X-at = e, u x+at = c,) f(x) fc Ha (x, x2) rge x-at-x, x-at-x2 => // - uytepop. avanositivo gre neles es toto no x-ate 1) U/M) = filxo-af)+ M(xoto) + fe(xo+ato) Place () Quarate o) is organ quar t, u to & Pu & en no pan es envious en par en 2 (11) = 4/19)-4/8/, 1 54/4/6 2 101. gan 4/12 20 pg 600 PB us orgy to un 4/17 pag

2 = 2 × (000), 5= = 2 × 10,00 / numpout xap D u provide y numpout xap D u provide y no no nemel yp-e () × Hu //L AD gona kupreogo pure use of no special pecu-o e sonociena cirono procomportromo neperitura e presentante successa procomporto neperational successa procomporta procomporta procomporta e procompor is a openino of letx, the children of the control o =) ulast) = fulx ad)+ y/x-at) (73) P-na nyacous que egre Dup: 168) P. e gnu apu. yp-u tan
ua 1/200 & cn. apu. waz u utag
upau. Dup- The Contifées
t. upae Bou penera, mo pau.
8 buge ukit) = f(x-at)
The ulxip=f(x)=0 u (4,1x,0)=-af,
=0 => uqqt/=f(-at)=put) = 2 c/9+1=71 m, 5>0 = 2 f(5) = 10 5>0 u s=x-at = 0 octo 1 u(x,t)= 0 octo 1 1/4 - x/4 +> x/4