Me boex of 1. Допустия, го кировая стоимость окучет моделеруютья с помощью процесся межено процесся oporo gudinyza Mycme Kozagni organiery nseyecca zerco bhresenverile ypassionery Hazarbhae crowmours? огранитений на ординату pacupepenenen Konkoropoke + 3 (a(T, y) f) 4 Marantheorem yendemenen ree fo - zakon paenhyerenens Vo, Ha Deckonsernocres établitus yourbles appayerent f myrb. zadary. Будем hoexaga hoyecca Unpegedor (cu. sucy mor) beportrours plekoexaga Puc. 1. K pacrery beparrison interroga

Blegen gle zpannyon: receneration & (t) u bgpx-HEARD B(t) u harperyen, rooter npagecc ble lepenne nexeguació, mornian e momenta t=0 Bracoms gongenewark zuerenew (3) GR = 1(t,y): dtt/4<β(t), τ≥09 3° Bepartuours melouxaga « momenty $P(t) = \text{Philip}(U(s) < \beta(s), 0 < s \leq t$ The bepaierneurs the, no repoyece momenty the pazy me bounces of conference is presented re leauren 39 40. Morniours bepaurencery rubblexof9 nnarmoero befraernisence Uto upu yenokem, no 1x momenty un pajy me no kunys To racto Si. f(4; t)dy (5) 50 Kpaelane zadera grue ypalercencelle 977K, onfessanneyane hroracoers bepost-poening prehorrogs 9+ + Q (a(t,y)f) - 2042 (B(t,y)f) =0, (A, L) € 75, 和一一一十一月 (8) Thornoors beparenescher mellerxoga ra ce rhenuye gonnue aspayaroca

nyers emenueurs akquit zadastal mogentro Damerve U(t) = u0 + ut + 5 W(t) re uo-neréneur cronsueurs, le-kosque frequent poera, 6-leonerent moers, W-belseepolicula upoyac. Tredyerus rederry behournoers reebouxaga npayecca V(t)
uz no rocon 40- E < U(t) < 40+ E Kychelero u_o M Dance gove upoerary creered 4=0. Orelengues, ne boexog UH), 30 spenergoetto-E, note sulinbanenter reelebexby Busiepoblino n/voyerer za zpenucy /W(t)/cd,
ree d = E Moe nonagalbanu, no gan leunepoleuno npoyecca Wtt) $a(t,x) \equiv 0$, $b(t,x) \equiv 1$ (9) Rosnowy ypakinenue (1) upwier ley! OF = 1 042, (10) (T>0, 1414d). Kpaelore queoline (8) med paggerne Klugg: $f|_{y=\lambda}=f|_{y=-\lambda}=0.$ (11)

Harenouse yeur lile que crangapricoso upoyece rencolo! busiepol cuero $4h_{=0} = o(y).$ 3 agara (10)-(12) noprotres pasospares uneure A.A. Chemkuncobe " Munadiene meragoe reopus majuolicuex apoyeccos (en. Unpuruep 14.1 rea crp. 139-142) pellerul. Dance Cochrey Soguero 200 Perrende uzbegennne gby x bynneyeur leuge upo-(13) 1 - T(E) Y(y) conject y nursprex zaleucei ragertele Nee (13) 6 (10), nongraeur (14) T'Y=3TY" Derum ove roceru (14) rea & TY: (15) MOCKONSKY relais 20175 3 per 3 aleucut ronto ot t, a upaboul - renous et y, voux otique zuerenne gennines soit necrements $= -\lambda^2 = coust(\tau, y)$ (16) B reggenerere newy racy gla ypalenealine (17) アナーシアーロ, Y"+ 12Y = 0. Dro Coenorneau yaroben (11 netpetobert, volor

 $Y(-\lambda) = Y(\lambda) = 0$. (19) Pernenue ypakuerune (18) uneer Berg $Y(y) = A \sin(\lambda y) + B \cos(\lambda y)$, (20) regement neg (20) 8 (19), mexogen 1 Asin (1d) + 13 eas (1d) = 03 (ZI) - A siy (lad) + B cos (lad) =0. oujegenerent mois cierreners (22) $\Delta(1) = 2 \sin(\lambda \alpha) \cos(\lambda \alpha) = \sin(2\lambda \alpha)$. Mujabruban & K reyrro, Mexoques $(k=1,\infty)$ TO ABKO MAN DRIVER DE LUER LE PROPORT LUGAR.

NO ENJUERTE BENERO DE LUGAR

PRUPERIOR Y PABRICHIMA (18) MAN REPORTE X

YELOBURX (19). Pennenne ypabnemno (20) npu l=1k npurmmaer litig Yk(y) = A sin (lky) + B cos (lky) biopro ypaknienne (21) ununo bollosure 13 repy A: A sty (AKd). (25) omo la panienne 6 (20), ma-120gcreelons, xioque $Y_k(y) = \frac{A}{\cos(\lambda_k d)} \sin(\lambda_k (y+d)) = A_k \sin(\lambda_k (y+d))$ (26) dynkequer (26) 4 (27) ypracer leaps er

4 nabareneuro (10) 4 Kraekorus ycrobelles (11)

Dygene espours voujee pemerme c namo you peueune 6 letje numerriser kantouriegues nhaceyula bully enmused of prey begeneur Yx Tx c menzbeckerme nova nochemente AK: f(y;t) = = Ax e 2 sin(1x(y+1)), (28) Ocnieros ygobnerhopurs plerentements yeuroleuro (12). Dre reexonigeneed Ax Cocnoussyemed choeresteau aproronentmoury grynkeques 514 (Lx (4+d)) $\int \sin(\lambda_k(y+d))\sin(\lambda_j(y+d))dy = \int_{0,j}^{d} \int_{0,j}^{\infty} + k.$ (29) Donyemen, 200 navanture yenteure 3 aparrel 6 volupeur lenge (7). Monavair 6 (28) t=0, muleur fo(y) = = Axsiu(1x(4+4)). (30) siu (1; (4W)) Doursomais été zacres (30) rea 4 ucuerozza (29), reexaguere Aj= = fo(y)sin(4j(y+2))dy. B Hamey cryzae fo (y) = δ(y), ч интеграл (31) rezur les en cuencerio: かったらいんはりこよらい(型)。 The remove j' korgiquequeuror Ark = 0.

3 niereur, l' cyumne (28) energyer yrepniers

TOAKO METETRIALE ZMETERINE UNGERCA The French

 $= \sin\left(JJ\left(k+\frac{1}{2}\right)\right) = (-1)^{K}$ taet ling: répasseur, cyneme (28) npuegle $f(y,\tau) = \frac{1}{\alpha} \sum_{k=0}^{\infty} (-1)^{k} e^{-\frac{\lambda_{2k+1} \tau}{2}} \sin(\lambda_{2k+1}(y+\omega)).$ Ocherous nogerurars beparernais melacing (5) $P(\tau) = \int_{0}^{\infty} f(y; \tau) dy$. Muterpupye corracuo (35), reexoguy [SIN (NORTH (4+4)) dy = - cos () ZKHI (4+4)]-1-cos-(201 /2441) = 1- cos(x(2KH)) = gne P(t), restogne $P(\tau) = \frac{4}{\pi} \sum_{k=0}^{\infty} e^{-\frac{\pi^2(2k+1)^2\tau}{8\alpha^2}} \frac{(-1)^k}{(-1)^k}$ Cyune page governe xopones annpokeesen persons cherenes resons resons respective communications cheresens, the ken page capture oreset sheeps. Other