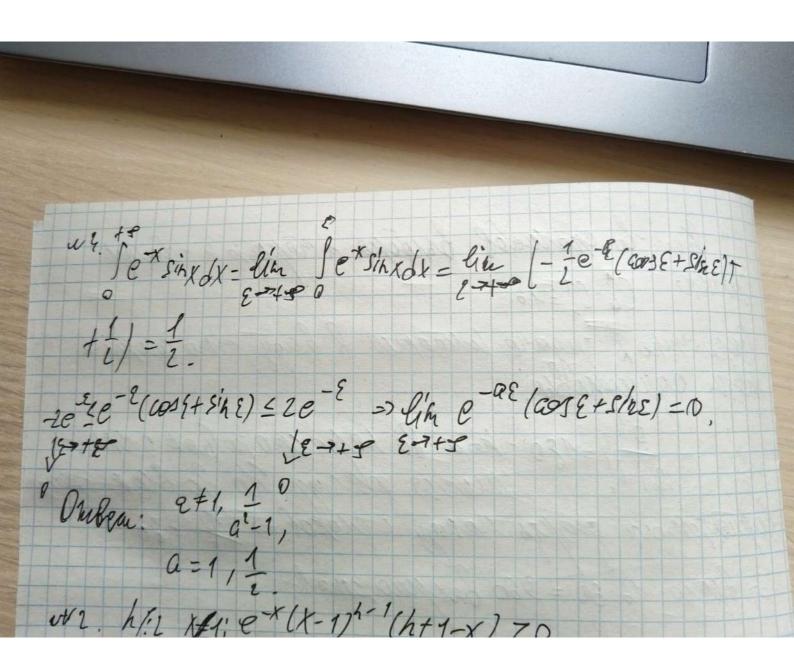
=et+ et + ...+ et + o(h) -> On Cen: Egg et ely 1 218) = (x-1)hex, hell. Expel 3xchiperleyules! 3'W=((x-1)hex)'=((x-1)hex+(x-1)hex)'= $=h(x-1)^{h-1}e^{x}+(x-1)^{h}(-1)e^{x}=h(x-1)^{h-1}e^{x}dt -(x-1)^{h}e^{x}$ g'(0)=0=) h(x-ph-1ex-(x-1)hex=01:ex70 $h(x-1)^{h-1}-(x-1)^{h}=0$ $(x-1)^{h-1}-(x-1)^{h}=0$ $(x-1)^{h-1}(h-x+1)=0$ (βοριγη μονήμι μερειμοίο). $(x-1)^{h-1}(h-x+1)=0$. $0 \times (x-1)^{h-1}(h+1-x) = 0 = x-1$ $0 \times (x-1)^{h-1}(h+1-x) = 0 = x-1$ ex1x-1/1/h+1-x/70 g'loc-let XCh+1 X7441 8 X(X-1) 1 (h+1-x) CO

h/2 - x = 4+1

N3. $\int e^{-ax} sihx dx = \lim_{\xi \to +++} \int e^{-ax} sihx dx$ $\int e^{-ax} sihx dx = \int e^{-ex} d(-aosx) = -aosxe^{-ax} - \int (-asx) de^{-ax} = -ax$ = $-\cos(x)e^{-ex} - \int (-\cos(x))(-e)e^{-ex} dx = -\cos(x)e^{-ex} - e \int \cos(x)e^{-ex} dx$ = $-\cos(x)e^{-ex} - e \int e^{-ex} d(\sin(x)) = -\cos(x)e^{-ex} - e \int \sin(x)e^{-ex} dx$ $= \int Sixx de^{-ax} = -\cos x e^{-ax} - a(\sin x e^{-ax} - \sin x (-\omega e^{-ax}) = -\cos x e^{-ax} - a(\sin x e^{-ax} + e^{-ax} - \sin x dx) = -\cos x e^{-ax} - a(\sin x e^{-ax} + e^{-ax} - e^{-ax} \sin x dx) = -\cos x e^{-ax} - a\sin x e^{-ax} + a^{2} e^{-ax} \sin x dx$ =7 (1-a2) | e-ax sixx dx = -eoxe-ax - a sixxe-ex (2-1) Se-ax inxex = cosxe - ex +a sinx e - ex

how be enclosed bridges a register a recogn da ws. Equ ext Be Se-axsinxdx = 1 (cosx e -ax + 9 sinxe-ax) $\frac{6a}{a^{2}-1} = \frac{1}{a^{2}-1} = \frac{1}{a^{2}-1} = \frac{1}{a^{2}-1} = \frac{1}{a^{2}-1} = \frac{1}{a^{2}-1}$ I'm at cosse tesing e-ai) Ent sto ledule or lunguenepor - 2 COSE C- 4 E C E -) elim ten (COSE C - 2 E + 2 SIM 2 C - 2 E) - 1 E - 2 E & 200 = 0 -ag-agasing e-ag = 0. JE748 1/8-748 Eque == 1 Se-xsikxdx= Se-xd(-cosx) = e-x g-cosx)-- (-cosx/de-x = - cosxe-x - (-cost)e-x(-v)dx= = - costex - le xadydx = - cosxex. Je x deint = = - cosxe=x - (sinxe=x - fsinxde=x) = - cosxe=x --sinxe=x + fsinx(-De=x)x = - cosxe=x - sinxe=x - fe=sinxe=x => Se * Max dx = { (-cosxe x - e x sixx) = { e - x cosx + sixx}



vu. hou be epalosióf bristopia i répepte à i destype lag610 C4-C4=16 Верогонов задече имерия в виду то ами и Lit: =180 - hove - bo he pormapo ber o mal-2:1: Munda phiryn. Ho bo blen muz bojumphon grejezo meney coursed => 180 =60. >> bieso: 16:60 = 960 bacquarmob.

