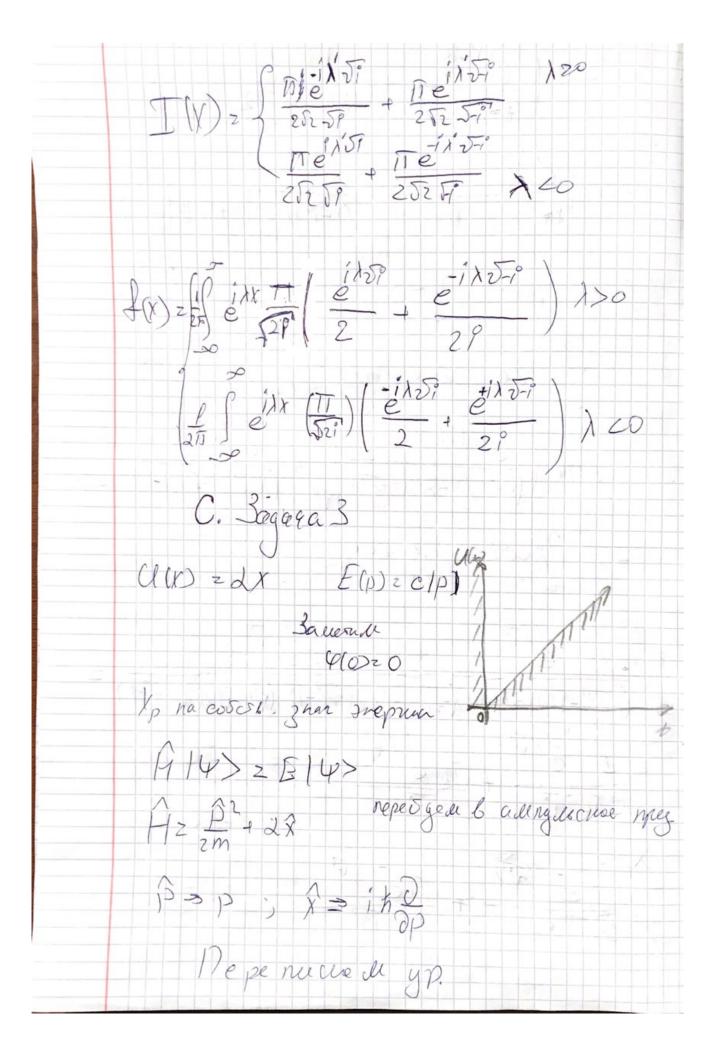
Mergacol Parisa Dollaceures pasora 15 Ro dealle Mopgana nou Ko -K2H' (>0 npa = 300 g(8) >0 res e'k'z g(z) z 3-14. dz e (2-11)5 (z+1) = 2-11) = 2-11)5 (z+1) = 2-11)5 2 1 1 x e (-i) = # x = x = 2 β e-κί ε dz. πρα μιο z + πίκ² eκ + > (Z·i)3

Mergacol Paeran Doceauense pasora 15 no dealle Mopgana nou Ko -K2 " β 2 5 + 5 = 2i) 1 ≥ res e g(z)

- σ cr (2 > 0 uba 5300 d(s) > 0 res é (2) 2 (3-1)! d2 e (21i)s (2+i) = 23 26 | Nacioe 3 nopagne 2 2 1 K e (-i) = + K' = K 3 ρ e-κίξ -∞ (Z+i)³ ηρα μιο z + πίκ² eκ

wa Illerce ag un clay us TK. QUUNE (2)e Challesuuno bueno pos zanetu oguoch soo obracon des o codons roman soo hee o keo les glocks of the B Bagame 12 a(x)= 1941 (a(b)-cernan Unrapal Pepse wees but fall) f(x) = (6) & ix(1-x) d6 dis S = = > (1 = 2) dt z $= \frac{1}{270} \int_{-\infty}^{\infty} e^{i\lambda x} d\lambda \int_{-\infty}^{\infty} \frac{e^{-i\lambda t}}{6^{4}1} d\lambda$ roseaux Moggana (gus 1/20) (x>0 SE de z - 200 1 E res el 14 8

 $=-2\pi i \left(\frac{e^{\lambda'(\lambda+i')}}{(k+1-i)(k^2)} + \frac{e^{\lambda'(\lambda+i')}}{(\lambda^2+i')(\lambda^2+1-i)}\right)^2$ =-2171/e/x-FP(x+F-10) + e/(x-17)(x+FP)(x+FP)(x+FP)(x+FP) 918 (120) = 1/20 Perit de 2271/2 ves est 1825. $= 275i \left(\frac{e^{i\lambda(\sqrt{19})}}{(x+\sqrt{19})(x-\sqrt{19})(x+\sqrt{19})} \right) = \frac{e^{i\lambda(-\sqrt{19})}}{(x+\sqrt{19})(x-\sqrt{19})(x-\sqrt{19})} = \frac{e^{i\lambda(-\sqrt{19})}}{(x+\sqrt{19})(x-\sqrt{19})} = \frac{e^{i\lambda(-\sqrt{19})}}{(x+\sqrt{19})} = \frac$ leaungen tauer or porases $\int_{2}^{2} \frac{-i\lambda T^{2}}{(-\sqrt{1}^{2}-1)^{2}} \frac{-i\lambda T^{2}}{(-\sqrt{1$ 2 1/1 e 1/1 e 1/1 e 2/2 \(\frac{1}{1}\) \$ 2 11 e 1 / Te - 1 / Te - 1 / Te



Pa(p) + Lit da(p) = Ea(p) Sakerceier & iPX/h a(p) dP2
255 Ucholos gene ysamulation accorden 120 4/0)20 410) = f (a(1)) di) = =0 (a/p) d/20 gavee og gp Mregennepa borpegan OCCP) $\frac{d(\alpha)}{dP} = \frac{1}{2\pi} \left(E - \frac{P^2}{2m} \right) \alpha(p)$ d(a) z 1/2 (B-P2) dp luzbuen PATE ECHYP $\frac{d(a)}{a(p)} \ge \frac{-i}{2\pi} \left(E - \frac{p^2}{2m} \right) dp$ (ch2/p) - p2) dp

ma = - 1 (+PcK2 P3)+cors | ger 2 / 2 3)+cors | ger Inaz - 1 (- Pch2 ps) 1 cors 2 ple $Q(p) = C_1 e^{\frac{i}{2ml\pi}} \left(\frac{p_{ch}^2}{2} - \frac{p_s}{3} \right)$ $Q(p) = C_1 e^{\frac{i}{2ml\pi}} \left(\frac{p_{ch}^2}{2} + \frac{p_s^3}{3} \right)$ $Q(p) = C_1 e^{\frac{i}{2ml\pi}} \left(\frac{p_{ch}^2}{2} + \frac{p_s^3}{3} \right)$ a(p)dp 20 >>) a, (p)dp +) a2 (p)dp 20 $C_1 = \frac{1}{2mx} \left(\frac{p_{cH^2}^2 - p_3^3}{3} \right)$ $C_2 = \frac{1}{2mx} \left(\frac{p_{cH^2}^2 + p_3^3}{2mx} \right)$ Cgeran carein pzh2+2 2h1 + p3

dp22h1+d3

(44-16)

C, emik 2 3 2h 2 d z Czemik 2 3 2h1 d d 1

() (1 (te+ te) (te+ te I (r) I(x), npa x>>1 S(x) = S(x0) + S((x0) (x1x6)2 Xo - Thespergu g(x)2 g(to) S'(Xo) 20

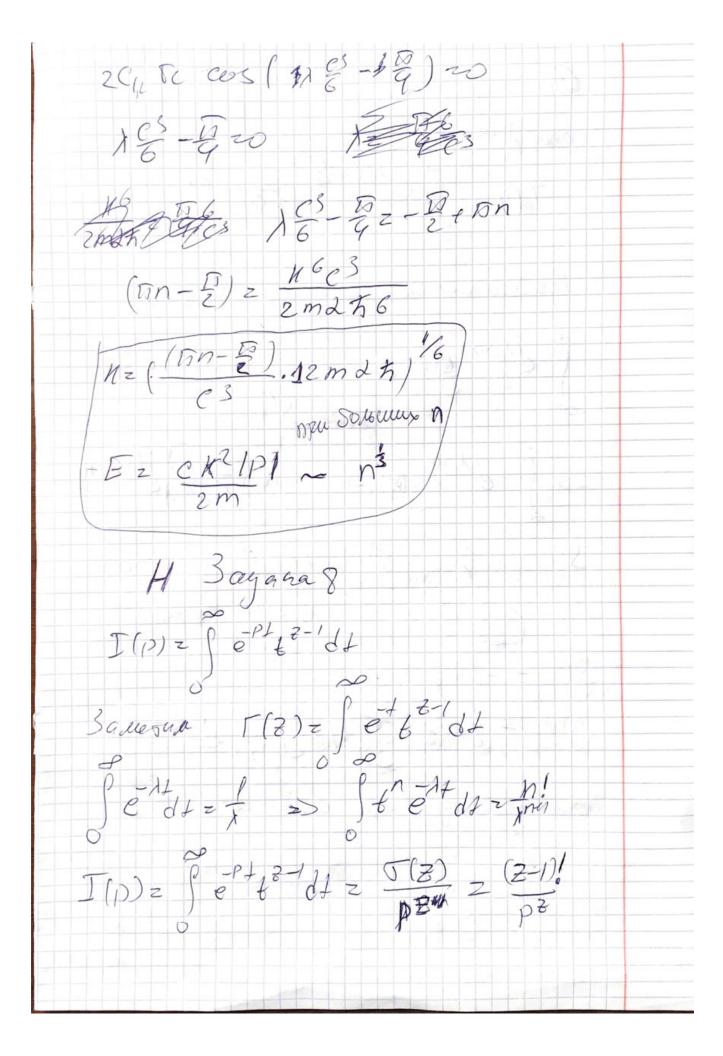
3 ix S(xo) 20

1 ix S'(xo) (xxxx) 2

4 e = g(xo) & 2

1 dx corsa S(1) = (16 - 44) S'(6) = 6+5 - 4+3 20 S(10) = 2+ (2-10) 20 Mel = 44 4(2) toz (c) to 5"(to) z 10+3-6te to 102-10-10-602 = 2401 26=402

J-25 (80) 92 dgeing 62. t-to 2 x X 2 2 32 eine 2 2 1 β = 2 5 (10) 82 17/4 [1] 10/4 S e CS e 2 X S (45) 5 (160 >0 PK OT O go ~ 11 - 15/20) gas e i 25/20)+i 1/4 z = The ceits of The Diceits of ity gua (4) 1 (X2) x S (1) 2 2+6 + 2/520 S(1) = + & + + to z + i Dc 7 Sepein - i Dc $II(X_2) \in II$ $|-iNC| = |(\lambda S(x_0) - iV_4)|$ $|-iNC| = |(\lambda$ Surore.

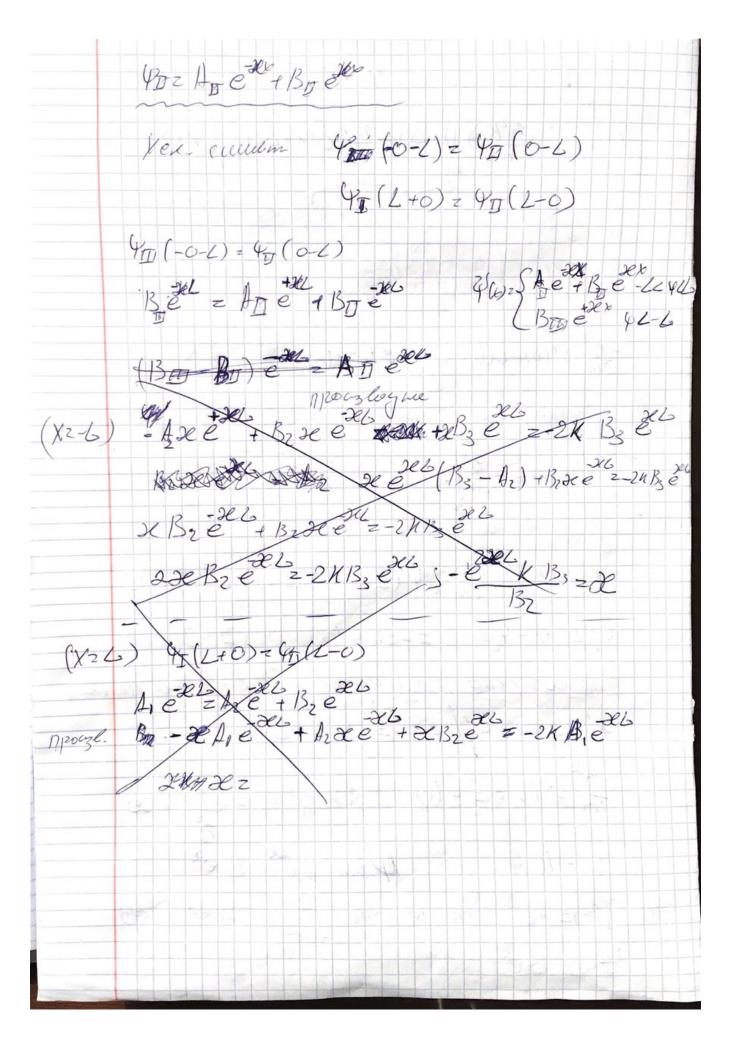


Gr. Sagance 2 npu 1 = +++

IN = geit (x + +++) 1

+ +2+1 Прибления ступенарной фаза $\int_{\infty}^{\infty} e^{i\lambda} S(x) dx \qquad \text{npu} \qquad \lambda \to \infty = 0$ $\int_{\infty}^{\infty} \int_{\infty}^{\infty} S(x) dx \qquad \text{npu} \qquad \lambda \to \infty = 0$ $\int_{\infty}^{\infty} e^{i\lambda} S(x) dx \qquad \int_{\infty}^{\infty} S(x) dx \qquad \int_{\infty}^{\infty} \frac{1}{2\pi i} \left(|S(x)| + |i|^{2} \right) dx$ $\int_{\infty}^{\infty} e^{i\lambda} S(x) dx \qquad \int_{\infty}^{\infty} S(x) dx \qquad \int_{\infty}^{\infty} \frac{1}{2\pi i} \left(|S(x)| + |i|^{2} \right) dx$ $S(x) = x + \frac{x^4}{9}$ $S'(x) = 1 + 4x^3 = 1 + x^3 = 0$ = 5 $S'(x_0) = (3x^2) = (3)$ = 5 =S(NO) = -1+4=3 Progrosier Mesos nonagan l'3 no repe

D Sagara & $(((x) = -\frac{\pi^2 \kappa S(x-4)}{m}S(x-4) - \frac{\pi^2 \kappa S(x+4)}{m}S(x+4))$ -52 2"(x)+(1(x) 76) 2 = E 7/ (x) 1) tourse upa pyear & Seager & So(0) 2/ Life 1 4 (1) do = - \frac{\frac{1}{2}}{2m} 4 (1) do - \frac{\frac{1}{2}}{m} 4 (1) >> L-\frac{1}{2} / \frac{1}{2} - \frac{1}{2} \frac The Kongrynny 12 (4 (210) - 4 (20)) = 12 K 4 (1) 4'(2+0) -4/2-0) z-2K416) (I~I) anares rueixo nores unace que looporo nema 4/-L+0) - 4/-L-0) = -2n4/-6) = -- # 2 wills) zE4lt) go nyczna - E2m 2 2 ZUZNY => Aywz Ae & Ber => TO HE WIZ A E TO BOLLOBAL OPENN HO S OSPEO 16 (W) = 13 8ex



4, z A, exx 42 z Az ext Breek 432 Beek B3 e 2 A2 e + 13, P (12 e + 26 = 2 (133 = 132) + e - 26 (x = 25) - 2 h 2 e + 2 B 2 e - 2 b 3 e = - 2 k B 3 e = 24, e + (-x) (B3-B2) e z -24 B3 e -22 A2 e = -2K B< e 2226 2 KB3 KZ RAZE HBZEL A, e 26 z Az e 4/32 e (Xz 2) -2A, e + 2eAze - 2eBze = -2KA, e -XA, e + XA, e - XB, e = -2h (1/2 e + 13, ex) Alle sels, e - 2e Brez - 2h (Are + Brez) (-22 Bze=-2KAzex+Bzec) Kz 2 Bz e (Az e 4 Bz exc)

21/2 2 Bz e Debre 2Kz 2 8 / Az Bz e + Be + Az + Az Bz e 202 Az Bz = 282 + Az 13 - 2266 2hz de 12B2 (222 222) + 427B22 128, (e + e 2022) + 13 + 132 2h 2 de ArBi 2 e + Ar71/32 Ar Br Chazel + Ar + Bit Ez- X22