[3] 222 (logx)2-5 logx-620.

logx= g z tx. c= 5 -125y-620.

9 - log x xtt. e 1 x x e 6

1307

周2.23.

+12)= ex-ex

(1) fix12 ex + e-1

(2). - \frac{1}{2} log \times \frac{1}{2} \frac{1}{2} log \times \frac{1}{2} \frac{1}{2} log \times.

f(-5/072)= e-5/072-05/072

- 12 log 2) = -2 e 2 log 2 e - 2 log 2

= 2

(3) t = ex-e-x

 $I = \int \frac{f^{2} l^{0} g^{2}}{(e^{x} - e^{-x} + \sqrt{2})(e^{x} + e^{-x}) dx}$ $\int \frac{f^{2} l^{0} g^{2}}{-f^{2} l^{0} g^{2}}$

dt = ext e-rdx = dx = dx.

2 - 2log2 -> 2log2

t -2 -2 2

 $(4) e^{3x} - 3e^{x} + 3e^{-x} - e^{-3x} = (e^{x} - e^{-x})^{3}$

DATE (Y1) = A(X1) + (li) (3/2). A= (6, 0) (b) = (U1) = (U2) C= detA = 0,62/1-92. (212) fx1x2 (x1; x2)= (exp - 5(x2+x2)). 27.0.62 [1-92 exp] = [02[1-9 (3;-11)], 02 92(3,-11,)2 27.0.62 [1-92 exp] = 01262[1-92) 0262[1-92)2 ty, 1/2 (7, 72) = + -20,0= P(g-M)(g-M) + 012 (g-M2)2-6,20=4(1-+2)2 0201-+2)2 - (-) fx. y2 (9, 3/2) = (9-11) - 2 f (9-11) (92-112) + (92-112) f (92-112) f