19-20 A-期末

一. 选择选.

1. fx= k/sin(x2) 在下列(A)区间内有条

A (4,0) B (0.1) C.(1.2) D.(2.3)

A. $0 \lim_{R \to 1} f(x) = \lim_{R \to 1} \frac{-\chi \cdot \mu h(x_2)}{\chi(\chi+1)(x_2)^2} = \frac{-\chi n_3}{(-2)\cdot 9} = \frac{\chi n_3}{18}$ $(-2)\cdot 9 = \lim_{R \to 1} \frac{-\chi \cdot \mu h(x_2)}{\chi(\chi+1)(x_2)^2} = \frac{-\chi n_3}{(-2)\cdot 9} = \frac{\chi n_3}{18}$ $(-2)\cdot 9 = \lim_{R \to 1} \frac{-\chi \cdot \mu h(x_2)}{\chi(\chi+1)(x_2)^2} = \frac{-\chi n_3}{(-2)\cdot 9} = \frac{\chi n_3}{18}$ $(-2)\cdot 9 = \lim_{R \to 1} \frac{-\chi \cdot \mu h(x_2)}{\chi(\chi+1)(x_2)^2} = \frac{-\chi n_3}{(-2)\cdot 9} = \frac{\chi n_3}{18}$

(A) (K+1)(K+2) = -10 =

又和 (4.0)连, 由 0.0 fm (4.0) 有行 = fm (4.0) 存行

B.C. lim fx) = lim x. sh(x-2) = w. =) fxx (0.1) £. (1.2)

C. D. lim fx) = lim \(\frac{\gamma \cdot \lambda \lam

2.好的有一阶段,且好的70,好的70, AX为自定是x在的处的措置, Ay.到外别为我的

在人的处对应的精造分级分类的70,则(C)

A. dyczycu, B. sychyco. C. ozdyczy. D. oczycdy

f(x) >0 , f(x) >0 , 例 y=fx) 新規語構,下は、本注图.

スムかの、PoA=ムが、例 AB = dy = fks)ムが、 => ムリンクリンの.

AC = AV

3. fa有一件连维导数,且flo)=flo)=0, fm flo)=1, 则习 sro,有(B)

A. Softmarro B. Softmarzo C. Softmarro D. Softmarro A. Softmarro D. Softmarro A. Softmarro D. So lim f(K) = -120 => 7500 KELS, S) at f(K) 20, P) f(K) 20, KEV(0, S) -6 又flo)=f/b)=0,则y=fx)图本《右图 4. 华斯有(D.)净./新近线 A. O. B. 1 C. 2. D3. リー1+x さx株 1-00.0) いしの、tw) ① lim f(x) = lim 1+x = い xの月重直MU内 1 lim fr = lim HX. - 1-ex = 1.0=0=a, b,= lim fx)= lim HX = lim = 0. : 4=0为水平侧近岸(メラーかみ) 3) lim th = lim 1+x . _ = 1. _ = 1 = 1 = a. b= lim (1+x -x) = lim ex+x = 1

x>+10 x = lim 1+x . _ = 1 ·· y=XH为斜柳丛岸(X>+心叶) 3.下列级和部中收发的是(C.) A. State of B. S. THIS dx C. State of D. State of MATHON

A. $\int_{2}^{+16} \frac{1}{\chi \ln \chi} d\chi$ B. $\int_{1}^{2} \frac{1}{(\chi H)^{3}} d\chi$ C. $\int_{2}^{+16} \frac{1}{\chi (\ln \chi)^{2}} d\chi$ D. $\int_{1}^{+16} \frac{1}{\chi (\chi H)} d\chi$ A. $\int_{2}^{+16} \frac{1}{\chi \ln \chi} d\chi = \int_{1}^{+16} \frac{1}{(\chi H)^{2}} d\ln \chi = \ln (\ln \chi) \Big|_{2}^{+16} = + \text{to}$. Exp.

B. $\int_{1}^{2} \frac{1}{(\chi H)^{3}} d\chi = -\frac{1}{2} (\chi H)^{-2} \Big|_{2}^{2} = -\frac{1}{2} + \frac{1}{2} \lim_{N \to \infty} \frac{1}{(K H)^{2}} = + \text{to}$ Exp.

二.旗丝

$$0\% + 4\% = \frac{|\chi(t)\gamma'(t) - \chi'(t)\gamma'(t)|}{[(\chi(t))^2 + (\gamma'(t))^2]^{\frac{3}{6}}} = \frac{|6t \cdot (6t) - 6 \cdot (3 - 2t)|}{[(6t)^2 + (3 - 3 \cdot t)^2]^{\frac{3}{6}}} = \frac{36}{(66)^{\frac{3}{6}}} = \frac{1}{6}$$

$$\frac{1}{|t|} \frac{|t|}{|t|} \frac{1}{|t|} = \frac{1}{|t|} \frac{|t|}{|t|} \frac{1}{|t|} = \frac{1}{|t|} \frac{1}{|t|} \frac{1}{|t|} = \frac{1}{|t|} \frac{1}{|t|} \frac{1}{|t|} = 0$$

$$\frac{1}{|t|} \frac{1}{|t|} \frac{1}{|t|} \frac{1}{|t|} \frac{1}{|t|} = \frac{1}{|t|} \frac{1}{|t|} \frac{1}{|t|} \frac{1}{|t|} = \frac{1}{|t|} \frac{1}{|t|} \frac{1}{|t|} \frac{1}{|t|} = \frac{1}{|t|} \frac{1}{|t$$

8. fx)有连续导函数, 且fx)>0, hfx)=sinx, 阳 (xfx) dx = xsinx+lax+C (x f(x) dx = Sx. f(x) df(x) = Sx. dhf(x) = x. hf(x) - Shf(x) dx, hf(x) = shx sx/ = x.sinx-Sunxdx = x.sunx+Cxx+C an= 1/41/2 + 1/41/22 + 1 + 1/41/22 = - 1/(1/4/h) + 1/4/h)2 + 1/4/h 灰 fx)= 1-74-72. [0.1]. P. lim an = So fx) dx = So \(\frac{1}{4+x^2} dx = axxxx \frac{x}{2} \) = axxxx = = 7. 10. 粉月的半国局对学=11970)的任何生标为(0.元) 度知(宋,可). 引 == - Stxds. y=- - Styds. l= 元. 中国线对程为 { X=Gst te[o.n] ds= smitted dt = dt : x== 1 5 (at to () ()

 $y=\frac{1}{\pi}\int_{0}^{\pi}\omega t dt = \frac{2}{\pi}$

Comput