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计算214 在任强 20212133404
     一为农友主致。
      (2) P(x \le \frac{1}{2}) = \int_{-\infty}^{\frac{\pi}{2}} 2(1-x) dx = \int_{0}^{\frac{\pi}{2}} 2(1-x) dx + \int_{-\infty}^{\infty} 0 dx = 2(x-\frac{1}{2}x^2) \left| \frac{1}{6} = \frac{3}{4} \right|
      (3) ア(メミュ) 同理可治 = 2(マーシャン) == 年
      2. {w= (xx ox xxA
                「Apf(x) dx=1= 「B 2x dx= = x2 = 1 A=). :f(x)= (2x 0 cxc)
                    P(ex(0.5)= 50.52xdx= x2/0=4
                  X的描述 [xz] - po fm dx = (x² ocxcl o xco
2) - (1) F(x) = (-0 x = 1-(1+x)ex x>0 x = (+10) f(x) dx = 1-(1+x)ex
       f(x) = (x x x >> )
 21 P(x=1)= findx = F(1)= 1-2e-1 p(x>2)=(1-F(>))=3e-2
   4. Fin= [ forfinds = AtBarctonx
        P(-1(x|cl) = P(-1(x|cl)) = P(1) - P(-1)= = 7

P(0) | 1 - 1 - 1 - 1 - 1 - 2

P(0) | 1 - 1 - 1 - 2

P(0) | 1 - 1 - 1 - 2

P(0) | 1 - 1 - 1 - 2

P(0) | 1 - 1 - 1 - 2

P(0) | 1 - 2

P(
        -m fin dr = z + ~ arctonic = fix = -
  11.4=-1 6=4
            P(X<2.44)= $ (+1+2.44)= $ $ (3.44)=0.805) 115
               P(X>12) = 1-P(X<12)=1-1(-15+1)=1-(1-16)=1-(1-18)=1-48
                  P(Y 62.8) = BE(-28+12)= 1-1(00)= 0.3264
                 P(X/24)= P(-4<x24)= 1(4+1)-1(-4+1)=0.6678
P(X-1)>1)= 1(x+1)-1(x+1)=0.614)
P(X-1)>1)= 1(x+1)=0.614)
**Note: The property of the
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13. U2 6205 6:01 中観を引える: P(18をXを22)= 夏(22-205)-(夏18-205) = 夏(15)-(1-1(25)=夏(15)+夏(25)-1:01927.

ک	ζ 2.			
	(1)	P(X2	o-Y	20)=
. 11	~		Y	
CO		0	- 2	1
	0	7	0	止
	-11	0	古	3
-		,		
- (1)	X 0 -1	0 16 0	0 1/2	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\

	*		· .		1	2	2
15) . P	(x=1	, Y=	1)=	TX	3=	12
	12	(X=1	, Y=	3)2	4×	3-1	2
	2	(X=2	, Y2	1)=	マ へる	3 - 6	>
	12	1x22	, Y=	5/2	2, 73	, - 0	
	17	(X23	, /2	P	4×	3-1	r
	17	(K23	, 40	L)?	7 X-	3- 1	ī
	12	(X12)	1 42	2)2	之次	5-6	
4	•						

	Y	<u>6</u>
	2	3
0	12	12
1	4	5
12	16	0
	10-10-12	1 2 0 2 12 6 12 6

P(X=1)2 P(X=2; Y=2)=6