Demannelle poccomours 1). Рункуше распределения ры Fal = great a = x56, x6/0; 6/ равия конетанте A(x) = C = 7-0 3 8 = (0,6) P(x) = fc, x=a, x76

jamedacoro percent. Fax- 1 2 100 100 астисть распреди Математическое ожидание
М(х)= - покодат. роспр. M(x)= a+6 - palyaceeproe pocerpo ) gyrryme-pacrylegerenne u romprocento flel 1/1=5) T(x)= f 0, x=0

10 - 150 SX X10 T.Y. y=-51+3 Recomment for employeemence guel 4: 191 = 1/4 (91) /4/41/, yee 4/4) = x ea 9/4/= +13-4/1/3-4)" = > f(34) + 3 Yourobue 34 & IO; 2) palse Toga + (3-4) = 5 = 54, 4 = (-01, 8] + (3-4) = 94 = (-05, 37

Pyrrejue jampegarence que 4; ody + /3 = 3 dy = 0 + (-3 = 3) = 1 3e 34 dy = lim 1 3e -54 dy = = lim (-3e<sup>54</sup>) | 3 = lim - 3e<sup>15</sup> 3 -50 Torga, F(x)= 2 - 3 e - 5, y ≤ 3 Можешалическое опицание M(4) = 1 p(y) dy = - 3 e = - 1,84.107

3 пистость распредсиения вы Alx = 10, x=a, x76 g=cosx - 4.(4) Ha wrenchbouse (0;T) opyrensuse 4=cosx macoroning Copanial ky = cos x= 4 (y) goyrensuse

(y) = x = ancros y

lonacial nuorio and por repepere S(g) = f(4/g))/4/(g)) Saumbace, mo flx)= + naro 4/4) = farccosy) =

(4) c/0; 1) publicomercino 4/4) e(-1/1) 10 ya, 9/y/= of g, a = x, x = 6 Вожисии функцию рыстре F(y) = 1 # 11-45 dy = # arccos y / = -= f (arccost - 2) = arccost - 1 My/2 10, 476, 950 Bepairmoons nonagamene 4 6 meneplace (-1; 1) P(- = 4 < 1 = | F(= 1) - F(-1) = = 1- 1 = 1 Ombem: 2 = 95

4) A) XE C+, 23 All = 10, X\$ E1,27 Here give y borneenen no day Her especial and the state of Y (y) € I 1/27 paberoceus no y € 13,60 P(y) = So, y & IS, 6.7 20 y-2 > y & I 3; 6.7

Municipal forentequences managerous no gropicyne G(y) = 5 (t) dt Torga, G(y) = 5 try-2 dy = 14-2' /4 = = 14-2-2 ges3;63 Coyso , 4 \$ 53;63  $f(x) = \begin{cases} 0, & x \notin \mathbb{C} = 2; -1 \end{bmatrix}$ p(y) = f(4(y)) | 41(y) | 7(y)= \square 4'(y) = \frac{1}{2\square 9-2} A (g) & I-2;-17 porbuscurous ye 13;63 dynamic face prepenencie colong-eace o nous periodo l nymere A.