19-11-12 [a,b] Kp 1715n-5 21PM COON.2 or Pib [a,c],[c,b] 2 1/8/2/2C/110 fx) PIC [a,b] < bt 8/2)26/11 /sic 18/2)16/110 1137/102 f(x) 1 g(x) P10. 3, COON 3 [ab] 7x x f(x)>m ple (ic) b (y) /31e (b-a) [a,b]) X X X (X) 7,9 W 10 (E) fx)dx > (gxdx

10-11 (123) CAPN fe MINDIO 60 01 P1 Ju 808 CIEDXI $6 = \sum_{i=0}^{n-1} f(C_i) \Delta X_i \geq \sum_{i=0}^{\infty} m \Delta x_i = m \Delta x_i =$ fixidx= Pimm Axi > m (b-a) D"]7NNX ([a,b] 07160 828 f(x)-g(x)>,0 (b[s(x)-g(x)]dx >0 (1) CD (2) N N O (1) O (1) O (1) O (1) O (1) [[fx)-gx]dx = [fx)dx - [gx)dx >0 Early > villoscentic fa) Die / siste fox So inf I sup m/ M Ma (b-a) < S & Andx < M (b-a) CMPU MADIN 3/11/N 2/PM

4 /2

[a,b] 867 P 01 0'30 fox pro 6 [ab] 3 = 310 JACADX= JCC) (b-a) > 8000 por por som $m \leq \frac{1}{h-a} \int_{-a}^{b} f(x) dx \leq M$ (b-a) p'aria 108 (a) 10 (a) 1017 (b-a) Lab 2 (b-a) Lab 2 (c) 10 ($f(c) = \frac{1}{b-a} \int_{a}^{b} f(x)dx$ 8 x 31 MMI D'10217 f (C) 6 NS · Laby Red +(x) [0,2] 867 Sexol 10,27 8672 (NL)31 2 1 sex dx 5 2e4 [-1,3] 867> 53 dx 7581) 6 4(N) 19.8 i pig on Isterapa 1 5 1 × x 4 5 1 2 25 dx 54

5021/10 de nalen n 110 n

Alocario 25/2000x = 12/3 fox ose

(foxdx= 25/2000x = 12/3 fox ose

0 = 12/10 fox ose のかか fore E-anala press priorib eng program J=X2, J= E KX2 Nandia [-0, 0] D 12/5/10 P/10/1 fox - 8 [0)20/12 y= x3, y= slnx, y= f(x) ple copr de novin [-9,+9] > 18/2)201/c fcx & pran's

[-9,0], [0,0] 18/2)201/c pe fcx sic

o dx=-dt fa,) 198 x=-t

(fa)dx=-(f(-t))dt= (4-t) dt (1) ff xidx= fxfxidx

-1-9,007 -2 M718/101 2/3/5 f (-x) 3- f(x) 2 vuois 2 f 12 g - Stexidx= (texidx + Stexidx 210 pune of certonia 16 frank= {2 frank ist pr