WITETTE ! MVC Assignment No. 4 where C is a circle of your ond solution: x = 3 cos(a) 1: 3 sin (a) dr = - 3 sino i + 3 (0) F.dr. (2x - 2y + 2) (-3 sine) + (21 y - 2) 3 cose F.d. -6(3cos(0) sin(0) + 3(3sin(0) cosa) - 18 cas 0 sine + 9 sino cas

DELE. WHEN WATER IN (1/4) = 577 + 377 EN (M) = (1/4) [6] C pids = 0 3 - 0 - 1 - 1 - 1 - 1 \$ (32° - 8y2) dx. (by - 62y) dy (34°-8(0)° dx 1 (4(0) - 6x(0) dy S' 3x2 dx 1 ody 51 3x2dx 3x2-8x2) dx 1 (44-6xy) dy 1. 8 y2) dx x (4y : 6/0) y dy Celebrasion MITTINITIES (1884 = 11 ands (1 / 1 - 1) 1 - (164) 2 - 1/64) 2 d. - Es En The Ded, + Titals grage 5 [-(1/2) v2 J(1. (160)21 (160/2) ? ~ [-(A)(2), 21+(18m), +(18)(3) 2) 70 (F. L/6) (31) JI+ (160) +57176. [-12] 1+ (160)2 + 576 7 du [- 12 (4 JT+(16)2+ 57/]de du= 32 u da when u=4, w=2 + 16(4)2+576 -577 hoses 2133 [-12 [5312 123) 4 (1/2) du]

Date:

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Que) F: Tyi - 201 x

2 K Pand Six the subio first octont bounded by the plane evoluate (F. Rds Let parameterice surface Suring variable 4 = 8 4? Du: 1: 160; 0 57: (0x0)i+ (1x1)j (16ux0)k F- 5% 7.5° (24i - 2ij + x2x)-j substitute 20- V

