

TEST 9-5

Nech $I = \oint_{C_i} (xy^2 + 1)dx + (yx^2 - 1)dy$, nech $C_1 : 1 = x^2 + y^2$;
 $C_2 : x = \cos t, y = \sin t, t \in \langle 0, 2\pi \rangle$. Potom

1. $I_1 = I_2 = 0$,
2. $I_1 = -I_2$.