

TEST 7-6

Nech oblast  $D : x + y = 2, y = 0, y = \sqrt{x}$ , potom

$$\iint_D 2y dx dy =$$

1.

$$\int_0^1 \left( \int_{y^2}^{2-y} 2y dx \right) dy,$$

2.

$$\int_0^2 \left( \int_0^2 2y dy \right) dx,$$

3.

$$\int_0^1 dy \int_{y^2}^{2-y} 2y dx,$$

4.

$$\int_0^1 dx \int_0^{\sqrt{x}} 2y dy + \int_1^2 dx \int_0^{2-x} 2y dy.$$