Zad. Egz. 1 (337119)

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Na catym trójkorcie (x,y)ma stallar

$$(0,0) \qquad (0,0) \qquad C = \frac{1}{0} = \frac{1}{10}$$

$$\begin{cases} S = 2X + 3Y \\ T = Y \end{cases} \rightarrow \begin{cases} 2X = 3Y - S \\ Y = T \end{cases} \rightarrow \begin{cases} X = \frac{2T - S}{2} \\ Y = T \end{cases}$$

$$J = \begin{vmatrix} \frac{\partial x}{\partial s} & \frac{\partial x}{\partial +} \\ \frac{\partial y}{\partial s} & \frac{\partial y}{\partial +} \end{vmatrix} = \begin{vmatrix} -\frac{1}{2} & \frac{3}{2} \\ 0 & 1 \end{vmatrix} = -\frac{1}{2}$$

$$5+ad g(s,+) = f(x(s,+), y(s,+)), |j| = \frac{1}{2}.C = \frac{1}{20}$$

Od varu odlingtujung, ie dla noist, t przy ustalonych worztościlech
$$g(s,t) = \frac{1}{20}: \int 0 \le t \le \frac{2}{3} > 0$$
, $g(s,t) \le (0.6)$ $0 \le t \le (0.70)$

$$\begin{cases} s \in [0,6], + \in [0,\frac{1}{2},s] & f_s(s) = \int_{0}^{\frac{3}{2}} \frac{1}{70} dt = \frac{1}{70} + \int_{0}^{\frac{3}{2}} = \frac{s}{60} \\ s \in [6,70], + \in [0,\frac{20}{7} - \frac{s}{7}] & f_s(s) = \int_{0}^{\frac{1}{2}} \frac{1}{70} dt = \frac{1}{70} + \int_{0}^{(*)} = \frac{1}{7} - \frac{s}{170} \\ s \notin [0,70], + s \in [0,\frac{20}{7} - \frac{s}{7}] & f_s(s) = 0 \end{cases}$$

$$f_{s} = \int_{0}^{6} \frac{1}{4} \int_$$