

Записки по ДИС2 - Лекция 10

27.04.2023

Функции на няколко променливи.

$$\mathbb{R}^n = \{x = (x_1, x_2, \dots, x_n) : x_i \in \mathbb{R} \ \forall i \in \{1, \dots, n\}\}$$
$$x \in \mathbb{R}$$

$$x = (x_1, x_2, \dots, x_n)$$

$$y = (y_1, y_2, \dots, y_n)$$

$$x + y = (x_1 + y_1, x_2 + y_2, \dots, x_n + y_n)$$

$$x \in \mathbb{R}$$

$$\lambda x = (\lambda x_1, \lambda x_2, \dots, \lambda x_n)$$