Матн 124

Name:

Problem 1: Consider the map

$$f\colon \mathbb{R}^3 \to \mathbb{R}^2$$

given by

$$f\begin{pmatrix}x\\y\\z\end{pmatrix} = \begin{pmatrix}x+y\\x+z\end{pmatrix}.$$

Give the matrix representation of this map.