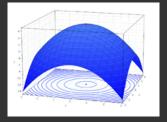# Tutorial 6 - Eigenvalues and Eigenvectors

COMP1046 - Maths for Computer Scientists

Dr. Ferrante Neri / Dr. Tony Bellotti

Find the eigenvalues, eigenvectors and eigenspaces for the endomorphism, $f : \mathbb{R}^3 \rightarrow \mathbb{R}^3$,

$$f(x, y, z) = (2x + 3y - z, 4y + 2z, z - y).$$