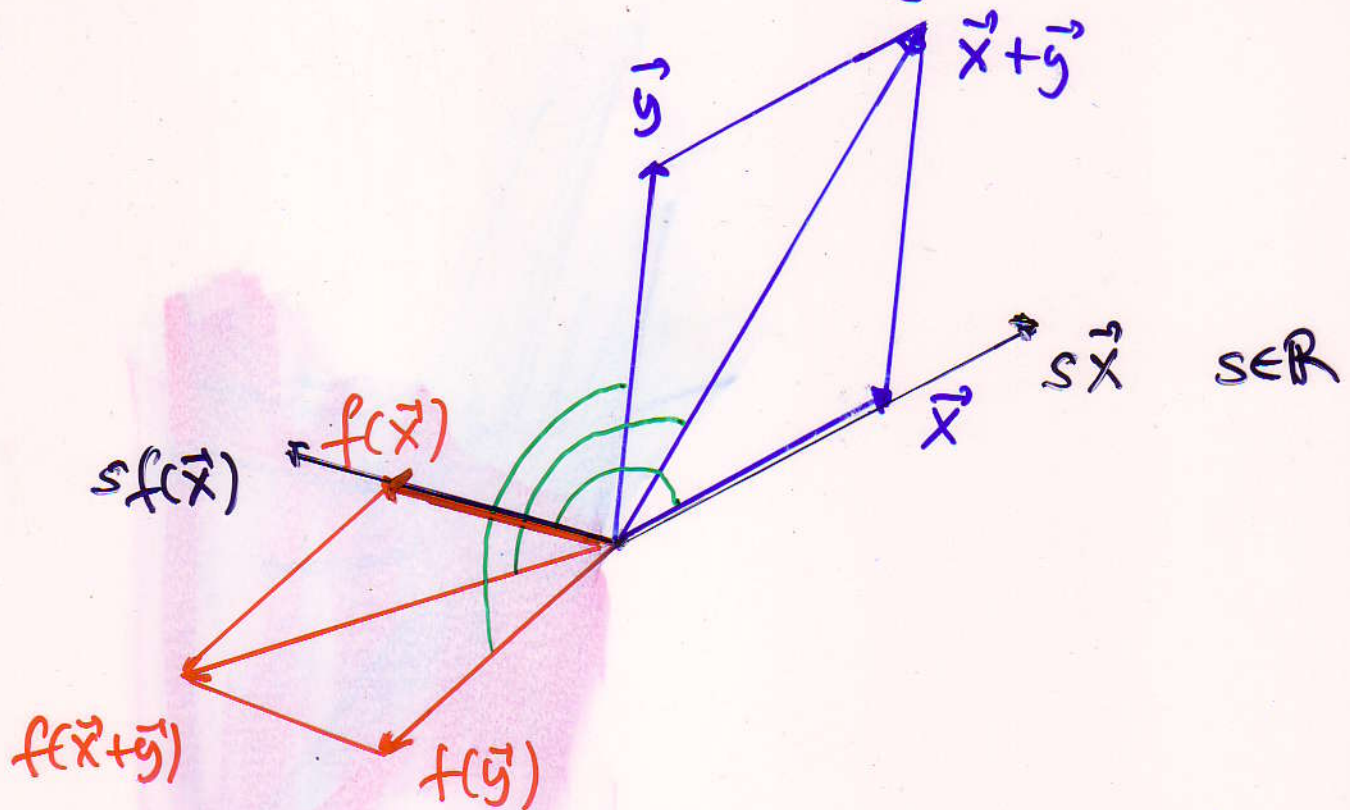


Lineare Abbildung



- Drehstreckungen sind linear

- Distributivgesetz in \mathbb{C}

$$u(w+z) = uw + uz$$

- $\arg(zw) = \arg z + \arg w$

$$|zw| = |z| \cdot |w|$$

- Additionstheoreme

$$\cos \varphi + \psi = \cos \varphi \cos \psi - \sin \varphi \sin \psi$$

$$\sin \varphi + \psi = \sin \varphi \cos \psi + \cos \varphi \sin \psi$$