E_1

x

Ax

θ
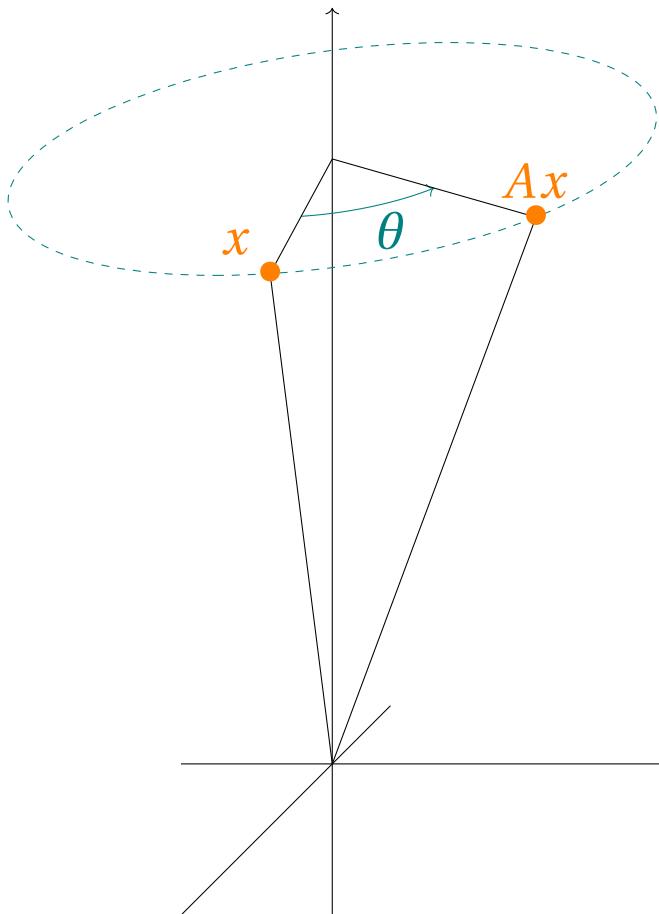
$A \in \mathrm{SO}_3(\mathbb{R})$