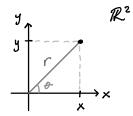
Lars Filipsson

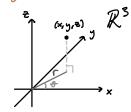
Polara



$$\begin{cases} x = r\cos \Phi \\ y = r\sin \Phi \end{cases}$$

$$r = \sqrt{x^2 + y^2}$$

Cylindrisko



$$\begin{cases} x = r \cos \Theta \\ y = r \sin \Theta \end{cases}$$

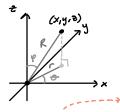
$$Z = Z$$

$$r = \sqrt{x^2 + y^2}$$

$$\tan \Theta = \frac{y}{x}$$

$$Z = Z$$

Sfäriska



"Rein Y spelar
Eauma roul som
T hos cylindrisha
hoordinater"

$$R = x^2 + y^2 + z^2$$

 $\tan Y = \frac{1}{x^2 + y^2}$, $\tan \theta = \frac{y}{x}$