

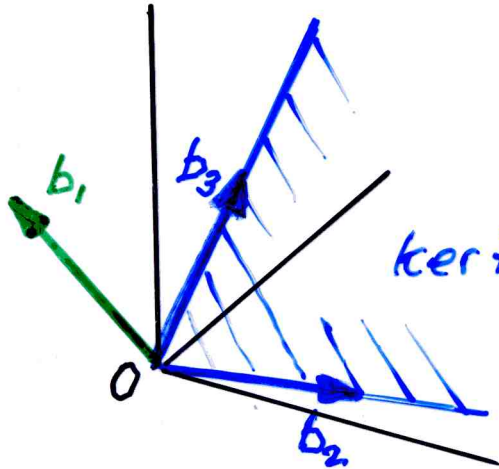
(X)

$$\dim X = 3$$



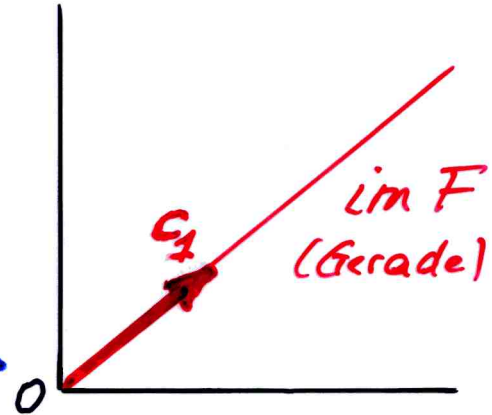
(Y)

$$\dim Y = 2$$



ker F (Ebene)

$$\dim \ker F = 2$$



$$\dim \operatorname{im} F = 1$$