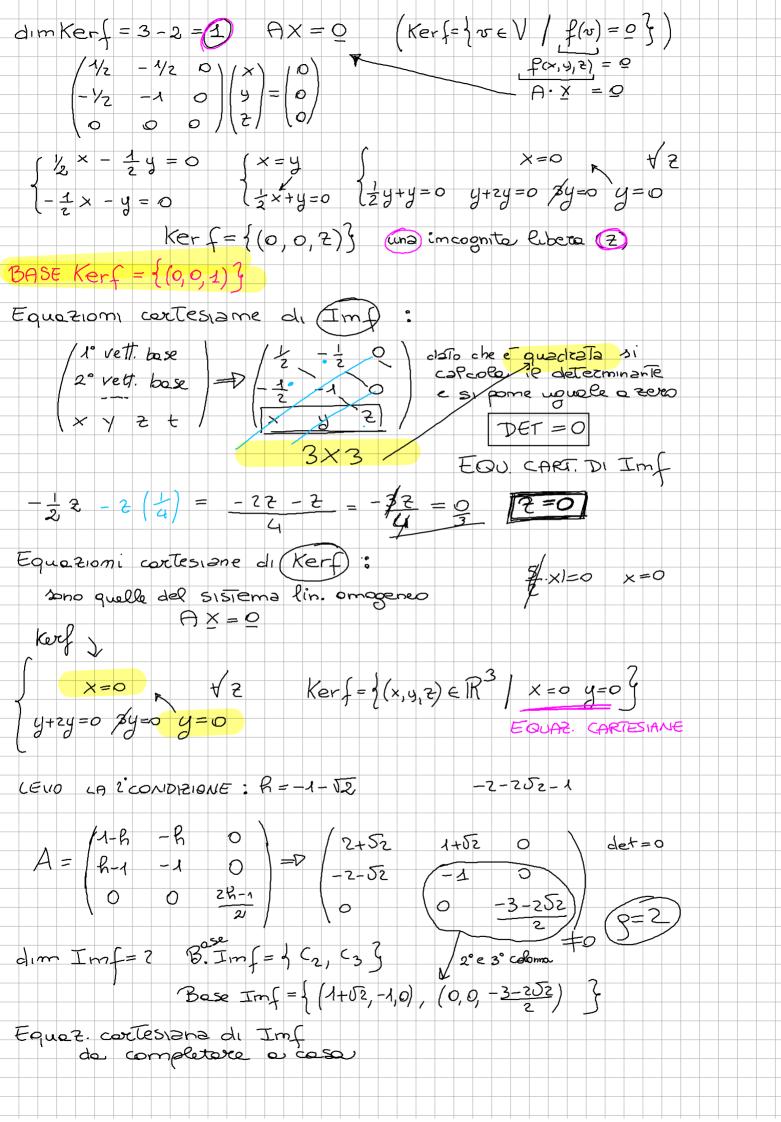
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Ricevimento 25-11-21
        FARE ESERCIZI COMPITI D'ESAITE
        f: \mathbb{R}^2 \to \mathbb{R}^2 f: \mathbb{R}^2 \to \mathbb{R}^3 f: \mathbb{R}^3 \to \mathbb{R}^3
f: \mathbb{R}^0 \to \mathbb{R}^0 \xrightarrow{rughe} n = m \text{ opp. } m \neq m
                                                                           Esercizi per casa su Applicaz lineari
     3.1

\begin{cases}
\frac{f(1,-1,0)}{f(1,-1,0)} = (1,h,0), & m > \xi f(1e_1-1e_2+0e_3) = f(e_1-e_2) = f(
  f: \mathbb{R}^3 \to \mathbb{R}^3
                                                                                                                                                                                            =f(-ez)
 Studiore Inf, Kerf/e le aquez cartesiare di Infe Kerf
KISQUZIONE
  Metodo "standard" / zientra nella 2º tipologia di siamattina
       \begin{cases} f(e_1) - f(e_2) = (1, k, 0) \\ -f(e_2) = (k, 1, 0) \rightarrow \end{cases} \begin{cases} f(e_2) - (-k, -1, 0) = (1, k, 0) \\ +(e_2) = (-k, -1, 0) \end{cases} \rightarrow
         2f(e_3) = (0, 0, 2h-1) f(e_3) = (0, 0, \frac{2h-1}{2})
          (f(e_1) = (1, R, 0) + (-R, -1, 0) = (1 - R, R - 1, 0) C_1
         f(ez)= - C2
                                                                                                                 1-R-R
A= R-1-1
                 f(e3) = ----- C3
 \begin{cases} f(-3,1,0) = (1,k,0) = 0 \\ f(-3e_1 + 1e_2 + 9e_3) = f(-3e_1 + e_2) = -3f(e_1) + f(e_2) \end{cases}
                                                                                                f(e1)=(1-6, R-1,0)
```



25/3/21

f:
$$R^3 o R^3$$
 $f(x,y,z) = f(y, f(x+1)x+Ry-z, -y-Rz)$

A) Studiore Imf c Kerf a la equi contessione.

Trovismo Ro motice $f(x,y,z) = f(y, f(x+1)x+Ry-z, -y-Rz)$
 $f(x,y,z) = f(y,y,z) = f(y, f(x+1)x+Ry-x, -y-Rz)$
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 $f(x,y,z) = f(y$

Ker
$$f = \{(2,0,2)\}$$
; Gase Ker $f = \{(4,0,1)\}$

Equal cartesiane di Ker f : $x = 2 = 0$

Ker $f = \{(x,y,z) \in \mathbb{R}^3 \mid x = 2 = 0 = 0\}$

Leviamo la z' condizione: $f = 1$

As $f = \{(x,0,0)\}$

Gase Ker $f = \{(1,0,0)\}$

Equal cartesiane di Ker $f = 1$

Republication $f = 1$

Ker $f = \{(1,0,0)\}$

Equal cartesiane di Im $f = 1$

Cart

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