P86.

$$\begin{array}{lll}
\mathcal{Z} & \frac{1}{12}\mathcal{A} = \left[\begin{array}{c} a & b \\ c & d \end{array} \right], & a, b, c, d \in \mathbb{R}. \\
AM = \left[\begin{array}{c} a & b \\ c & d \end{array} \right] \left[\begin{array}{c} 1 & 2 \\ 0 & 3 \end{array} \right] = \left[\begin{array}{c} a & 2a + 3b \\ c & 2c + 3d \end{array} \right], \\
MA = \left[\begin{array}{c} 1 & 2 \\ 0 & 3 \end{array} \right] \left[\begin{array}{c} a & b \\ c & d \end{array} \right] = \left[\begin{array}{c} a + 2c \cdot b + 2d \\ 3c \cdot 3d \end{array} \right], \\
AM = MA = \left[\begin{array}{c} -2c & 2a + 2b - 2d \\ -2c & 2c \end{array} \right], \\
AM = MA = 0, & \mathcal{R} = 0, \quad \alpha + b = d. \\
Ker z = 2 \left[\left(\begin{array}{c} 1 & 0 \\ 0 & 1 \end{array} \right), \left[\begin{array}{c} 0 & 1 \\ 0 & 1 \end{array} \right].
\end{array}$$

$$\begin{array}{c} 1m z = 2 \left[\left(\begin{array}{c} 1 & 0 \\ 0 & 1 \end{array} \right), \left[\begin{array}{c} 0 & 1 \\ 0 & 1 \end{array} \right].$$

- - ('E' 对自住就 de ker o. 6(+)=0 Ud)=U6(+)=0. pker o [ker t. 最加的, pker t [ker o.

 Bw, ker t = ker o.
- 4. |1+2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|. |1-2-1|,0|
- 于今年(x)=ex: R-> Rt., 对加越全体正实数. 于(R)=Rt, 于是满的 而且驱然于是单的。12的 千是 1-1的 以 R手对关于于是同构的。
- 6. Va: 所有い、かお根的P上級多次式. 注 f e Va, g e Va, 刷 f(a)=g(a)= o· (f+g)(d)=0. 上f(a)=0· ·· Va是P上級強性空间, 業100分。 Vp 世界 P上級場性空间。

很意 P上的千, g.

f+g-(f+g)(2) EVa. f+g-(f+g)(P) EVP. 1A M が見-ケ线性1-1 映射・

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