$$
\begin{array}{ccc}
\text { Then } & \begin{array}{l}
u_{1}=-i_{1} \\
u_{3}=-2 u_{2}
\end{array}
\end{array}
$$




 $\Rightarrow U=\left\{\left.\binom{x_{2}}{\vdots} \in \mathbb{R}^{3} \right\rvert\, x_{1}=x_{2}, \ldots+x_{2}=-2 x_{3}\right\} \quad$ subspaoce (2) $u=\left\{\left.\binom{x_{2}}{x_{1}} \in \mathbb{R}^{2} \right\rvert\, x_{1}^{2}=x_{2}\right\}$

