$$u_{2}: \begin{bmatrix} 1 \\ 1 \end{bmatrix} - u_{1} \left(u_{1} \right) \begin{bmatrix} 1 \\ 1 \end{bmatrix} = \begin{bmatrix} 1/2 \\ -1/2 \\ 1 \end{bmatrix}$$

goo of you (no, m) is a plane

ii) (e).

ii).
$$u_1 = \frac{1}{\sqrt{2}} \begin{bmatrix} 0 \\ 0 \end{bmatrix} = \begin{bmatrix} 11/2 \\ 0 \end{bmatrix}$$

Smulor as a), me get un: [76/6]

) per is the serve plane as a)

in Not unique. Over 4 depend or order of col.

a, contains the neight for Vai bases of orthound basis. as contain the reight for Var burns of ordenoral basis.

A. UTX:
$$\begin{bmatrix} 11/2 & 11/2 & 4 \\ 15/6 & -15/6 & 15/3 \end{bmatrix} \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix} \Rightarrow \begin{bmatrix} 15 & 4 \\ 4 & 16/2 \end{bmatrix}$$

For a square nature and all color are linearly intelled.

In $P_{\times}: \times (\times^{T} \times 1^{T} \times^{T})$
 $= \times \times^{T} (\times^{T} \times 1^{T} \times^{T})$
 $= \times^{T} \times^{T} (\times^{T} \times 1^{T} \times^{T})$
 $= \times^{T} \times^{T} \times^{T} \times^{T} \times^{T}$
 $= \times^{T} \times^{T} \times^{T} \times^{T} \times^{T} \times^{T}$
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 $= \times^{T} \times$

