Then what is 
$$A = \{a, e_2, a_3\}$$
,  $A = \{a, d_2, d_3\}$ .

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Then  $A = \{a, \dots, d_n\}$ ,  $A = \{a,$ 

So we show 
$$\left[\hat{\sigma}(\phi)\right]_{\hat{A}} = \left[\begin{bmatrix}\hat{\sigma}\right]_{\hat{A}}\right]_{\hat{B}}$$

$$\left(RHS\right)^{T} = \left[\phi\right]_{\hat{B}}^{T} \left[\tilde{\sigma}\right]_{\hat{A}} = \left[\hat{\sigma}(\phi)\right]_{\hat{A}} = \left[\hat$$