2.3.5 Nodd w real and asymmetric $w = \begin{bmatrix} w_1 \\ -Jw_1 \end{bmatrix} w$, real, first v(e) conjugate symmetric = $\begin{bmatrix} v_1(e) \\ -Jv_2(e) \end{bmatrix} \begin{bmatrix} v_2(e) \\ -Jv_3(e) \end{bmatrix} \begin{bmatrix} v_1(e) \\ -Jv_4(e) \end{bmatrix} \begin{bmatrix} v_1(e) \\ -Jv_3(e) \end{bmatrix} = w^T_1 v_1(e) - w^T_2 J^T_3 J^T_3 v_1(e) \end{bmatrix}$ $= w^T_1 \left\{ v_1(e) - v_1 J^T_3 \right\} \begin{bmatrix} v_1(e) \\ -Jv_2(e) \end{bmatrix} = w^T_1 v_2(e) \end{bmatrix} = w^T_2 J Im \left\{ v_1(e) \right\}$ $= w^T_1 \left\{ v_1(e) - v_1 J^T_3 \right\} \Rightarrow porely imaginary$