$$V = \begin{pmatrix} P \\ u \end{pmatrix} = 7 \quad Av = -Bv_{x} + Cv_{xx}$$

$$\hat{V}_{z} = -A^{-1}(isB + g^{2}C)\hat{V}$$

$$A^{-1} = \begin{pmatrix} \tilde{K} & 0 \\ 0 & \tilde{Q} \end{pmatrix}, \quad B = \begin{pmatrix} 0 & 1 \\ 1 & 0 \end{pmatrix}, \quad C = \begin{pmatrix} 0 & 8\alpha & \hat{C}^{2} \\ -S\hat{c}^{2} & 0 \end{pmatrix}$$

$$\tilde{K} = \overline{K^{-1}} \quad \hat{C} = \overline{C}^{-1}$$

$$\hat{V}_{z} = -\hat{A}^{1}(iSB + S^{2}(+iS^{3}D)\hat{V})$$

With (S) terms we found W=+88/1+228282 With 0(8) terms: w=±68/1+6228282-1284 For large 8, wis complex So eint plans up (for some & values).

$$U_{+} + UU_{x} - U_{xxt} = 0$$

$$\int_{X}^{A} + \int_{X}^{A} + \int_{X}^{A} = 0$$

$$C_P = \frac{U_0}{1+K^2}$$