$$U = a_1 + a_2 x + a_3 y + a_4 x y + a_5 x^2 + a_6 y^2 + a_7 x^2 y + a_8 x y^2 + a_9 x^2 y^2 + a_{10} x^2 y$$

$$v = b_1 + \cdots + b_1 \pi^2 y + b_8 \pi y^2 + b_9 \pi^2 y^2 + b_{10} \pi^2 y^2 + b_{10} \pi^2 y^2 + b_{10} \pi^2 y^2 + b_{10} \pi^2 y^2)$$

$$W = C_1 + \cdots + C_7 x^2 y + C_8 x y^2 + C_9 x^2 y^2 + C_{16} x^2 y^2 + C_{17} x y^2 + C_{18} x^2 y^2)$$

$$\mathcal{E}_{XX} = \frac{\partial u}{\partial x} = \mathcal{E}_{XX}^{L} + a_{8}y^{2} + 2a_{9}xy^{2} + a_{10}y^{2}z + 2a_{18}xy^{2}z$$

$$\mathcal{E}_{22} = \frac{\partial W}{\partial z} = \mathcal{E}_{22} + C_{14} x^{2} + C_{15} y^{2} + C_{16} x^{2} y + C_{17} x y^{2} + C_{18} x^{2} y^{2}$$

$$\mathcal{E}_{xy} = \frac{\partial u}{\partial y} + \frac{\partial v}{\partial x} = \mathcal{E}_{xy} + \alpha_1 x^2 + 2\alpha_9 x^2 y + 2\alpha_{18} x^2 y) + 2(\alpha_{16} x^2 + 2\alpha_{18} x^2 y) + 2\beta_9 x y^2 + 2\beta_9 x y^2 + 2(\beta_{17} y^2 + 2\beta_8 x^2 y^2)$$

$$= \xi_{4}^{2} + b_{14}x^{2} + b_{15}y^{2} + b_{16}x^{2}y + b_{17}x^{4}y^{2} + b_{18}x^{2}y^{2} + c_{7}x^{2} + 2c_{9}x^{2}y + z(c_{16}x^{2} + 2c_{18}x^{2}y)$$

$$\dot{\xi}_{ZX} = \frac{\partial u}{\partial z} + \frac{\partial w}{\partial x}$$

incompatible mode

incompatible

$$\xi_{yy}$$
 $V = 57 x^2 y$
 $V = 516 x^2 y \cdot Z$

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		NO. 8-23
	$\Omega_{14} \chi^{2} = \mathcal{E}_{xx}^{L}$	a15 y2 : Exy
Sx z	a18 x24.2: Exx ,	anxy2z: incomp.
	a18 x242 7 : 5xH	C8 x42 : E42
	- C17 xy2 Z : Eyz	
	an x²y : Exx ,	aq.x2y2: Ext
Fxy	a16 x2 y z : Exx -	ais x2y2 : Sxx
	b8 x42 : E4g .	69 x2y2 : Syyt
, [bin Xy2. Z : Eyy ,	618 x2y2. Z : SqyH.
	C14x2Z & 8x2,	C15 42. 2 : E42
Ezz	C16 x24 7 : Exz	C17 X42. Z : E42
	C18 x242.7 : 542, Ext	
	,	