$$C: \mathbb{R}^2 \to \mathbb{R}^2$$

$$\widetilde{\phi}(s,t) = \phi(\tau(s,t))$$

$$\frac{\partial \widetilde{\phi}}{\partial S} = \frac{\partial \phi}{\partial C_1} \cdot \frac{\partial C_2}{\partial S} + \frac{\partial \phi}{\partial C_2} \cdot \frac{\partial C_2}{\partial S}$$

$$\frac{\partial^2 \chi}{\partial z^2} = \dots = \frac{\partial \chi^2}{\partial z^2} - \frac{\partial \chi^2}{\partial z^4}$$

ALTERNATIVE:
$$\tau^{-1} := 6 : \mathbb{R}^2 \rightarrow \mathbb{R}^2$$

$$\mathcal{L}^{-1} := G : \mathbb{R}^2 \to \mathbb{R}^2$$

$$\begin{pmatrix} x \\ y \end{pmatrix} \to \begin{pmatrix} \frac{1}{2}(x+y) \\ \frac{1}{2}(x-y) \end{pmatrix} = \begin{pmatrix} 5 \\ + \end{pmatrix}$$

$$\oint (G(x,y)) = \phi(x,y)$$

$$\widetilde{\phi}(\mathscr{C}(x,y)) = \phi(x,y)$$

Now, we can compute constructively without quessing:

$$=\frac{9\times}{9}\left(\frac{9\cancel{\textbf{e}}_1}{9\cancel{\textbf{e}}_1}\frac{9\times}{9\cancel{\textbf{e}}_1}+\frac{9\times}{9\cancel{\textbf{e}}_2}\frac{9\times}{9\cancel{\textbf{e}}_2^2}\right)-\frac{9\lambda}{9}\left(\frac{9\cancel{\textbf{e}}_1}{9\cancel{\textbf{e}}_1}\frac{9\lambda}{9\cancel{\textbf{e}}_2^2}+\frac{9\lambda}{9\cancel{\textbf{e}}_2^2}\frac{9\lambda}{9\cancel{\textbf{e}}_2^2}\right)$$

$$=\frac{1}{4}\left(\frac{3^{2}}{3^{2}}+2\frac{3^{2}}{3^{2}}+\frac{3^{2}}{3^{2}}\right)-\frac{1}{4}\left(\frac{3^{2}}{3^{2}}-2\frac{3^{2}}{3^{2}}+\frac{3^{2}}{3^{2}}\right)$$

$$= \frac{\partial^2 \hat{\sigma}}{\partial s \partial t} = \hat{L} \hat{\sigma}$$