$$\frac{d\varphi}{dt} + div Al = 0$$
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$$\Rightarrow \frac{\partial A_1}{\partial \chi'} + \frac{\partial A_2}{\partial \chi^2} + \frac{\partial A_3}{\partial \chi^2} + \frac{\partial \varphi}{\partial t} = 0 \quad (!!)$$

$$* = \left(\right) A_{1} dx^{1} + \frac{\partial}{\partial x^{1}} \left(-\frac{\partial}{\partial x^{2}} A_{1} \right) dx^{1}$$

+
$$\left(\frac{\partial}{\partial x^2} + \frac{\partial}{\partial x^2} \left(-\frac{\partial}{\partial x^2} A_1 \right) dx^2\right)$$

+
$$\left(\right) A_3 dx^3 + \frac{\partial}{\partial x^3} \left(-\frac{\partial}{\partial x^3} A_3 \right) dx^3$$