$$\begin{array}{lll}
\nabla x & \nabla x \\
\left(\frac{\partial \vec{Q}}{\partial t} + \rho \vec{Q} \cdot \nabla \vec{Q} \right) = \left(-\nabla P + \mu \cdot \nabla^2 \vec{Q} + \rho \vec{Q} \right) \\
&= -\nabla x \left(\nabla P \right) + \nabla x \left(\mu \cdot \nabla^2 \vec{Q} \right) \\
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$$a_{n} = \frac{2}{L_{o}} \int_{0}^{\infty} (mx+t) \sin(\frac{m\pi x}{L_{o}}) dx$$

$$X = \frac{\pi}{L_{o}} \int_{0}^{\infty} (mx+t) \sin(\frac{m\pi x}{L_{o}}) dx$$

$$a_{n} = \frac{2\pi}{n\pi} \int_{0}^{\infty} (mx+t) \sin(\frac{m\pi x}{L_{o}}) dx$$

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$$+ \int_{0}^{\infty} c \sin(x + t) \sin(x) dx$$

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