$$\begin{aligned} & \text{PRISS} & \text{Sigma}[X_t] = \left(\left(2 * (\text{muz} + \text{gx}) * \text{nu} \right) / (k * (\text{nu} + \text{muz} + \text{gx})) \right) - 0.5 \right. \\ & \text{f}\left[X_t \right] = - \left(\text{Tx} / \left(2 * (\text{nu} + \text{muz} + \text{gx}) \right) - 1 \right. \\ & \text{T}\left(\left(\left(2 / (\text{g.} + \text{nu}) \right) ^{-0.5} \right) * \left((\text{muz} + \text{gx}) - 1.5 / (\text{muz} + \text{nu} + \text{gx}) ^{-0.5} \right) * \\ & \text{c}\left((\text{sinh}[x / \text{sigma}[x]]) / (\text{cosh}[L / \text{sigma}[x]]) \right) / \left(2 * (\text{muz} + \text{nu} + \text{gx}) \right) \right. \\ & \text{f}\left[X_t \right] \\ & \text{control} & \text{f.}\left((\text{luz} + \text{nu} + \text{gx}) \right) \right]^{0.5} \\ & \text{control} & \text{Tx} \\ & \text{control} & \text{Tx} \\ & \text{2} \left(\text{muz} + \text{nu} + \text{gx} \right) \right. \\ & \text{muz} & \text{-} \left(\frac{1}{\text{Knu}} \right)^{0.5} \right. \\ & \text{(muz} + \text{nu} + \text{gx})^{1.5} \cdot \text{sinh} \left[\frac{0.707107 \times 1}{\frac{(\text{mux} + \text{gx}) \times 1.5}{(\text{mux} + \text{gx}) \times 1.5}} \right] \\ & \text{control} & \text{2} \left(\text{muz} + \text{nu} + \text{gx} \right) \right. \\ & \text{2} \left(\text{muz} + \text{nu} + \text{gx} \right)^{-2} & \text{2} \left(\text{muz} + \text{pu} + \text{gx} \right)^{1.5} \cdot \text{sonh} \left[\frac{0.707107 \times 1}{\frac{(\text{mux} + \text{gx}) \times 1.5}{(\text{mux} + \text{gx}) \times 1.5}} \right] \left. \left(\text{muz} + \text{ru} + \text{gx} \right)^{-1.5} \cdot \text{sinh} \left[\frac{0.707107 \times 1}{\frac{(\text{mux} + \text{gx}) \times 1.5}{(\text{mux} + \text{gx}) \times 1.5}} \right] \\ & \text{cosh} \left[\frac{0.707107 \times 1}{\frac{(\text{mux} + \text{gx}) \times 1}{(\text{mux} + \text{gx}) \times 1.5}} \right] \cdot \text{cosh} \left[\frac{0.707107 \times 1}{\frac{(\text{mux} + \text{gx}) \times 1.5}{(\text{mux} + \text{gx}) \times 1.5}} \right] \\ & \text{cosh} \left[\frac{0.707107 \times 1}{\frac{(\text{mux} + \text{gx}) \times 1}{(\text{mux} + \text{gx}) \times 1.5}} \right] \cdot \text{cosh} \left[\frac{0.707107 \times 1}{\frac{(\text{mux} + \text{gx}) \times 1.5}{(\text{mux} + \text{gx}) \times 1.5}} \right] \\ & \text{cosh} \left[\frac{0.707107 \times 1}{\frac{(\text{mux} + \text{gx}) \times 1}{(\text{K} (\text{muz} + \text{nu} + \text{gx})}} \right]^{0.5}} \right] \\ & \text{cosh} \left[\frac{0.707107 \times 1}{\frac{(\text{mux} + \text{gx}) \times 1}{(\text{K} (\text{muz} + \text{gx}) \times 1.5}} \right]^{0.5}} \right] \\ & \text{cosh} \left[\frac{0.707107 \times 1}{\frac{(\text{mux} + \text{gx}) \times 1}{(\text{K} (\text{muz} + \text{gx}) \times 1.5}}} \right]^{0.5}} \right] \\ & \text{cosh} \left[\frac{0.707107 \times 1}{\frac{(\text{mux} + \text{gx}) \times 1}{(\text{K} (\text{muz} + \text{gx}) \times 1.5}}} \right]^{0.5}} \right] \\ & \text{cosh} \left[\frac{0.707107 \times 1}{\frac{(\text{mux} + \text{gx}) \times 1}{(\text{K} (\text{muz} + \text{gx}) \times 1.5}}} \right]^{0.5}} \right] \\ & \text{cosh} \left[\frac{0.707107 \times 1}{\frac{(\text{mux} + \text{gx}) \times 1}{(\text{mux} + \text{gx}) \times 1}}} \right]^{0.5}} \right] \\ & \text{cosh} \left[\frac{0.707107$$

$$\begin{aligned} & \frac{g^2 \, T \, X_-}{(\text{muz} + \text{nu} + \text{g} \, X_-)^3} + \frac{g \, T}{(\text{muz} + \text{nu} + \text{g} \, X_-)^2} - \frac{2.65165 \, g^2 \left(\frac{1}{K_- \text{IM}}\right)^{0.5} \, T \, \left(\text{muz} + \text{g} \, X_-\right)^{1.5} \, \sin \left[\left(\frac{0.797107 \, Y_-}{0.800082 \, X_-} \right)^{0.5} \, S \, \sin \left[\frac{0.797107 \, Y_-}{0.800082 \, X_-} \right]^{0.5} \, S} \right] \\ & \frac{3.18198 \, g^2 \left(\frac{1}{K_- \text{IM}}\right)^{0.5} \, T \, \left(\text{muz} + \text{g} \, X_-\right)^{0.5} \, \sin \left[\frac{0.797107 \, Y_-}{0.800082 \, X_-} \right]^{0.5} \, S} {\left[\frac{0.797107 \, Y_-}{\left(\frac{1}{K_- \text{muz} + \text{g} \, X_-}\right)^{0.5}} \right]} \left(\text{muz} + \text{nu} + \text{g} \, X_-\right)^{2.5}} \\ & \frac{0.53633 \, g^2 \left(\frac{1}{K_- \text{IM}}\right)^{0.5} \, T \, \sinh \left[\frac{0.797107 \, Y_-}{0.800082 \, X_-} \right]^{0.5}}{\left[\frac{0.800082 \, X_-}{\left(\frac{1}{K_- \text{muz} + \text{mu} + \text{g} \, X_-}\right)^{1.5}} \right]} \\ & \frac{0.25 \, L \left(\frac{1}{K_- \text{IM}}\right)^{0.5} \, T \, \left(\text{muz} + \text{g} \, X_-\right)^{2.5} \, \left[\frac{2g^2 \, \text{nu} \, \left(\text{muz} + \text{g} \, X_-\right)^{1.5}}{\left(\frac{10.800082 \, X_-}{\left(\frac{1}{K_- \text{muz} + \text{mu} + \text{g} \, X_-}\right)^{1.5}} \right]} \right]} \\ & \frac{0.797107 \, X_-}{\left(\frac{1}{K_- \text{muz} + \text{mu} \, \text{g} \, X_-}\right)^{0.5}} \right] \, \cosh^2 \left[\frac{2g^2 \, \text{nu} \, \left(\text{muz} + \text{g} \, X_-\right)^{1.5}}{\left(\frac{1}{K_- \text{muz} + \text{mu} \, \text{g} \, X_-}\right)^{0.5}} \right]} \right] \\ & \frac{1}{C} \cosh \left[\frac{0.797107 \, X_-}{\left(\frac{1}{K_- \text{muz} + \text{mu} \, \text{g} \, X_-}\right)^{0.5}} \right] \, \cosh^2 \left[\frac{0.797107 \, L}{\left(\frac{1}{K_- \text{muz} + \text{mu} \, \text{g} \, X_-}\right)^{0.5}} \right]} \right] \\ & \frac{1}{C} \cosh \left[\frac{0.797107 \, X_-}{\left(\frac{1}{K_- \text{muz} + \text{mu} \, \text{g} \, X_-}\right)^{0.5}} \right] \, \cosh^2 \left[\frac{0.797107 \, L}{\left(\frac{1}{K_- \text{muz} + \text{mu} \, \text{g} \, X_-}\right)^{0.5}} \right]} \right] \\ & \frac{1}{C} \cosh \left[\frac{0.797107 \, X_-}{\left(\frac{1}{K_- \text{muz} + \text{mu} \, \text{g} \, X_-}\right)^{0.5}} \right] \, \cosh^2 \left[\frac{0.797107 \, L}{\left(\frac{1}{K_- \text{muz} + \text{mu} \, \text{g} \, X_-}\right)^{0.5}} \right]} \right] \\ & \frac{1}{C} \cosh \left[\frac{0.797107 \, L}{\left(\frac{1}{K_- \text{mu} \, \text{muz} \, \text{g} \, X_-}\right)^{0.5}} \right] \, \cosh^2 \left[\frac{0.797107 \, L}{\left(\frac{1}{K_- \text{muz} \, \text{muz} \, \text{g} \, X_-}\right)^{0.5}} \right]} \right] \\ & \frac{1}{C} \cosh \left[\frac{0.797107 \, L}{\left(\frac{1}{K_- \text{muz} \, \text{muz} \, \text{g} \, X_-}\right)^{0.5}} \right] \, \cosh^2 \left[\frac{0.797107 \, L}{\left(\frac{1}{K_- \text{muz} \, \text{muz} \, \text{g} \, X_-}\right)^{0.5}} \right]} \right] \\ & \frac{1}{C} \cosh \left[\frac{0.797107 \, L}{\left(\frac{1}{K_- \text{muz} \, \text{muz} \, \text{g} \, X_-}\right)^{0.5}} \right]} \left[-\frac{0.79$$

$$\left[\frac{1}{K \, \text{nu}} \right]^{0.5} T \, (\text{muz} + \text{g.x.})^{1.5} \left[-\frac{\text{g.nu}}{K \, (\text{muz} + \text{nu} + \text{g.x.})^2} + \frac{\text{g.nu}}{K \, (\text{muz} + \text{nu} + \text{g.x.})} \right]^2 \\ + \frac{1}{K \, (\text{muz} + \text{nu} + \text{g.x.})} \right]^{0.5} T \, (\text{cosh}' \left[-\frac{0.707107 \, L}{\frac{(\text{nu} \, (\text{muz} + \text{g.x.})}{K \, (\text{muz} + \text{nu} + \text{g.x.})}} \right]^{0.5}} \right] \left[\frac{0.707107 \, L}{\frac{(\text{nu} \, (\text{muz} + \text{g.x.})}{K \, (\text{muz} + \text{nu} + \text{g.x.})}} \right]^{0.5}} \right]^2 \left[\frac{\text{nu} \, (\text{muz} + \text{g.x.})}{K \, (\text{muz} + \text{nu} + \text{g.x.})} \right]^{0.5}} \right]^{0.5} \right] \left[\frac{0.707107 \, L}{K \, (\text{muz} + \text{nu} + \text{g.x.})} \right]^{0.5} T \, (\text{muz} + \text{g.x.})^{0.5} \left[\frac{g \, \text{nu} \, (\text{muz} + \text{g.x.})}{K \, (\text{muz} + \text{nu} + \text{g.x.})} \right]^{0.5}} \right]^2 \right] \\ = \frac{0.707107 \, X}{\left[\frac{0.707107 \, X}{K \, (\text{muz} + \text{nu} + \text{g.x.})} \right]^{0.5}} \right] \, \cos h' \left[\frac{0.707107 \, L}{\left(\frac{m_1 \, (\text{muz} + \text{g.x.})}{K \, (\text{muz} + \text{nu} + \text{g.x.})} \right)^{0.5}} \right]^2 \right] \\ = \frac{0.707107 \, L}{\left[\frac{0.0 \, (\text{muz} + \text{g.x.})}{K \, (\text{muz} + \text{nu} + \text{g.x.})} \right]^{0.5}} \right]^3 \, \left[\frac{nu \, (\text{muz} + \text{g.x.})}{K \, (\text{muz} + \text{nu} + \text{g.x.})} \right]^{0.5}} \right] \\ = \frac{0.707107 \, L}{\left[\frac{0.707107 \, L}{(\text{nu} \, (\text{muz} + \text{g.x.})} \right]^{0.5}} \right] \, \left[\frac{0.353553 \, X}{K \, (\text{muz} + \text{nu} + \text{g.x.})} \right]^{1.5}} + \frac{g \, \text{nu}}{K \, (\text{muz} + \text{nu} + \text{g.x.})} \right]^{0.5}} \right] \\ = \frac{0.707107 \, L}{\left[\frac{0.707107 \, L}{(\text{nu} \, (\text{muz} + \text{g.x.})} \right]^{0.5}} \left[\frac{0.353553 \, X}{K \, (\text{muz} + \text{nu} + \text{g.x.})} \right]^{1.5}} - \frac{1.212122 \, g \left(\frac{1}{K \, \text{nu}} \right)^{0.5}}{K \, (\text{muz} \, (\text{nu} + \text{g.x.})} \right]^{0.5}} \right] \\ = \frac{0.707107 \, L}{\left[\frac{0.707107 \, L}{(\text{nu} \, (\text{muz} + \text{g.x.})} \right]^{0.5}} \left[\frac{0.353553 \, X}{K \, (\text{muz} \, (\text{nu} + \text{g.x.})} \right]^{1.5}} - \frac{1.5}{K \, (\text{muz} \, (\text{nu} + \text{g.x.})} \right]^{0.5}} \right] \\ = \frac{0.707107 \, L}{\left[\frac{0.707107 \, L}{(\text{nu} \, (\text{muz} + \text{g.x.})} \right]^{0.5}} \left[\frac{0.353553 \, X}{K \, (\text{muz} \, (\text{nu} + \text{g.x.})} \right]^{1.5}} - \frac{1.5}{K \, (\text{nuz} \, (\text{nu} + \text{g.x.})} \right]^{0.5}} \right] \\ = \frac{0.707107 \, L}{\left[\frac{0.707107 \, L}{(\text{nu} \, (\text{nu} + \text{g.x.})} \right]^{0.5}} \left[\frac{0.707107 \, L}{K \, (\text{nuz} \, (\text{nu} + \text{g.x.})} \right]^{0.5}} \right] \\ = \frac{0.707107 \, L}{\left[$$

$$\begin{split} & sinh' \left[\frac{\theta.707107 \, x_{-}}{\left(\frac{nu \, (muz + gx_{-})}{K \, (muz + nu + gx_{-})} \right)^{\theta.5}} \right] / \left(cosh \left[\frac{\theta.707107 \, L}{\left(\frac{nu \, (muz + gx_{-})}{K \, (muz + nu + gx_{-})} \right)^{\theta.5}} \right] \, (muz + nu + gx_{-})^{1.5}} \right] - \\ & \theta.5 \, L \left(\frac{1}{K \, nu} \right)^{\theta.5} \, T \, (muz + gx_{-})^{1.5} \left(-\frac{g \, nu \, (muz + gx_{-})}{K \, (muz + nu + gx_{-})^{2}} + \frac{g \, nu}{K \, (muz + nu + gx_{-})} \right) \\ & \left(\frac{\theta.707107}{\left(\frac{nu \, (muz + gx_{-})}{K \, (muz + nu + gx_{-})} \right)^{\theta.5}} - \frac{\theta.353553 \, x_{-} \left(-\frac{g \, nu \, (muz + gx_{-})}{K \, (muz + nu + gx_{-})^{2}} + \frac{g \, nu}{K \, (muz + nu + gx_{-})} \right) \right)}{\left(\frac{nu \, (muz + gx_{-})}{K \, (muz + nu + gx_{-})} \right)^{\theta.5}} \right] \\ & cosh' \left[\frac{\theta.707107 \, L}{\left(\frac{nu \, (muz + gx_{-})}{K \, (muz + nu + gx_{-})} \right)^{\theta.5}} \right]^{2} \left(\frac{nu \, (muz + gx_{-})}{K \, (muz + nu + gx_{-})} \right)^{\theta.5} \right] \\ & \theta.0883883 \, L^{2} \left(\frac{1}{K \, nu} \right)^{\theta.5} \, T \, (muz + gx_{-})^{1.5} \left(-\frac{g \, nu \, (muz + gx_{-})}{K \, (muz + nu + gx_{-})^{2}} + \frac{g \, nu}{K \, (muz + nu + gx_{-})} \right)^{2} \\ & sinh \left[\frac{\theta.707107 \, x_{-}}{\left(\frac{nu \, (muz + gx_{-})}{K \, (muz + nu + gx_{-})} \right)^{\theta.5}} \right] \\ & \left(cosh \left[\frac{\theta.707107 \, L}{\left(\frac{nu \, (muz + gx_{-})}{K \, (muz + nu + gx_{-})} \right)^{\theta.5}} \right]^{2} \left(\frac{nu \, (muz + gx_{-})}{K \, (muz + nu + gx_{-})} \right)^{\theta.5} \right] \\ & \left(cosh \left[\frac{\theta.707107 \, L}{\left(\frac{nu \, (muz + gx_{-})}{K \, (muz + nu + gx_{-})} \right)^{\theta.5}} \right] \right)^{2} \\ & \left(cosh \left[\frac{\theta.707107}{\left(\frac{nu \, (muz + gx_{-})}{K \, (muz + nu + gx_{-})} \right)^{\theta.5}} \right] \right)^{\theta.5} \right] \\ & \left(cosh \left[\frac{\theta.707107}{\left(\frac{nu \, (muz + gx_{-})}{K \, (muz + nu + gx_{-})} \right)^{\theta.5}} \right] \right)^{\theta.5} \right) \right)^{2} \\ & \left(cosh \left[\frac{\theta.707107}{\left(\frac{nu \, (muz + gx_{-})}{K \, (muz + nu + gx_{-})} \right)^{\theta.5}} \right] \right)^{\theta.5} \right) \right] \\ & \left(cosh \left[\frac{\theta.707107}{\left(\frac{nu \, (muz + gx_{-})}{K \, (muz + nu + gx_{-})} \right)^{\theta.5}} \right)^{\theta.5} \right] \right)^{\theta.5} \right) \right)^{\theta.5} \\ & \left(\frac{\theta.707107}{\left(\frac{nu \, (muz + gx_{-})}{K \, (muz + nu + gx_{-})} \right)^{\theta.5}} \right)^{\theta.5} \right) \right] \\ & \left(\frac{\theta.707107}{\left(\frac{nu \, (muz + gx_{-})}{K \, (muz + nu + gx_{-})} \right)^{\theta.5}} \right)^{\theta.5}} \right) \right)^{\theta.5} \\ & \left(\frac{\theta.707107}{\left(\frac{nu \, (muz + gx_{-})}{K \, (mu$$