

PipeChar := for G1 ∈ 0.00001,0.00002.1 *

$$\left\{ \begin{array}{l} g1_1 \leftarrow G1 \cdot AuL_1 \\ gp_1 \leftarrow \frac{g1_1}{\rho s} \cdot Resist \\ \alpha p_1 \leftarrow \sqrt{rp_1 \cdot gp_1} \\ Rgp_1 \leftarrow \sqrt{\frac{rp_1}{gp_1}} \\ Rn_1 \leftarrow Rgp_1 \cdot \coth(\alpha p_1 \cdot \xi n) \end{array} \right.$$