

# 4.1

$$\begin{aligned}
 i &:= 0..75 & p_1 &:= 1.5 - 0.1 \cdot i & p2_1 &:= \text{if}(p_1 > -1, -1, p_1) & B2 &:= 20 \cdot \log(0.5 \cdot \exp(0.77p)) \\
 p1_1 &:= \text{if}(p_1 < 0, -p_1, p_1) & B3 &:= 20 \cdot \log\left[0.4 - \left[0.1184 - (0.082 \cdot p + 0.38)^2\right]^{0.5}\right] \\
 B1 &:= 20 \cdot \log(0.5 + 0.5 \cdot p1) & B4 &:= -11.2 - 20 \cdot \log(-p2) & B6 &:= -3.255 \ln(-p2) - 13.05 \\
 Bk_1 &:= \text{if}(p_1 < -1.96, B4_1, \text{if}(p_1 < -1.22, B3_1, \text{if}(p_1 < 0, B2_1, \text{if}(p_1 < 1.22, B1_1, 0)))) \\
 B5_1 &:= \text{if}(p_1 < -1., B6_1, (\text{if}(p_1 < 0, B2_1, \text{if}(p_1 < 1.22, B1_1, 0))) \\
 B7 &:= 0.546p^3 + 0.463p^2 - 6.9258 \cdot p + 5.8838 & B8 &:= -6.002 \cdot p + 6.016
 \end{aligned}$$

