$$\text{MinuPytt}(R, L, l, H) := \left| \begin{array}{l} Vs \leftarrow \pi \cdot R^2 \cdot L - L \cdot \left[R^2 \cdot \operatorname{asin}(1) - R^2 \cdot \operatorname{asin}\left(\frac{H - R}{R} \right) - (H - R) \cdot \sqrt{2 \cdot H \cdot R - H^2} \right] \\ \text{if } H \le R \\ \quad \left| \begin{array}{l} d \leftarrow R - H \\ Vk \leftarrow \int_d^R \frac{1}{R} \cdot \left(r^2 \cdot \operatorname{acos}\left(\frac{d}{r} \right) - d \cdot \sqrt{r^2 - d^2} \right) dr \\ \text{return } (Vs + 2Vk) \end{array} \right. \\ \text{if } H > R \\ \quad \left| \begin{array}{l} d \leftarrow H - R \\ Vk \leftarrow \int_d^R \frac{1}{R} \cdot \left(r^2 \cdot \operatorname{acos}\left(\frac{d}{r} \right) - d \cdot \sqrt{r^2 - d^2} \right) dr \\ Vkoon \leftarrow \frac{\pi \cdot R^2 \cdot l}{3} \\ \text{return } [Vs + 2 \cdot (Vkoon - Vk)] \end{array} \right. \end{array} \right.$$

$$\text{MinuPytt}(4, 5, 6, 8) = 452.389$$

$$H := 0, 0.001 .. 8$$