$$P = n_x x + n_y y + n_z z + d$$

$$n = (n_x, n_y, n_z)$$

$$d = -\sum_{i=1}^{m} n \cdot v_i$$

$$v' = \sum_{i=1}^{m} w_i v_i'$$

$$h_i = \|v' - v_i'\| \cot(\beta_i) + (v_i - v_i') \cdot n$$

$$v = v' + n\frac{1}{m}\sum_{i=1}^{m} h_i$$

$$v_i = v_i' + n\frac{1}{m}\sum_{i=1}^{m} h_i$$