

$$(m = \text{Col-maj}(F_u(\ell), \mu_x)) \stackrel{\text{def}}{=} m \geq 0$$

$$\wedge m = \mu_x + (i_0 + \sum_{j=1}^{d_x-1} (\prod_{k=0}^{j-1} n_k) i_j) \beta_x \tag{5}$$