$$\bigcirc \subset \text{ sing } \left({}^{\mathbb{R}}\underline{\mathbb{h}}^{\sharp\bullet}_{-}\right) = {}^{\mathbb{R}}\underline{\mathbb{h}}^{\bullet}_{-} \mid {}^{\mathbb{C}}_{>}\underline{\mathbb{h}}^{\sharp\bullet} \llcorner 0$$

$$|\bigcirc| = r$$

$$2^r \text{ choices } \bullet \subset \odot \subset \bigcirc \text{ prim pos roots}$$

$${}^{\mathbb{R}}_{\odot}\underline{\mathbb{h}}^{\bullet} = \frac{\flat \in {}^{\mathbb{R}}\underline{\mathbb{h}}^{\bullet}_{-}}{\flat|\odot = 0}$$

$${}^{\mathbb{R}}_{\bigcirc}\underline{\mathbb{h}}^{\bullet}_{-} = 0$$

$${}^{\mathbb{R}}\underline{\mathbb{h}} = {}^{\mathbb{R}}\underline{\mathbb{h}}^{\bullet} \times {}^{\mathbb{R}}_{\odot}\underline{\mathbb{h}}^{\bullet} \times \sum_{<\odot>\not\ni \daleth \in {}^{\mathbb{R}}\underline{\mathbb{h}}^{\sharp\bullet}_{-}} {}^{\mathbb{R}}_{\daleth}\underline{\mathbb{h}}^{\bullet}$$

$${}^{\mathbb{R}}_{\odot}\underline{\mathbb{h}}^{\bullet} = {}^{\mathbb{R}}\underline{\mathbb{h}} \cap \sum_{<\odot>\ni \daleth = {}^{\mathbb{R}}\underline{\mathbb{h}}^{\bullet}_{-}|\daleth} {}^{\mathbb{C}}\underline{\mathbb{h}}^{\bullet}_{\daleth} = \sum_{\daleth \in <\odot>} {}^{\mathbb{R}}_{\daleth}\underline{\mathbb{h}}^{\bullet} = {}^{\mathbb{R}}_{\bullet}\underline{\mathbb{h}}^{\bullet} \times \sum_{0 \neq \daleth \in <\odot>} {}^{\mathbb{R}}_{\daleth}\underline{\mathbb{h}}^{\bullet}$$

$${}^{\mathbb{R}\equiv}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-} = {}^{\mathbb{R}}\underline{\mathbb{h}}^{\bullet} \times {}^{\mathbb{R}}_{\odot}\underline{\mathbb{h}}^{\bullet} = {}^{\mathbb{R}}_{1}\underline{\mathbb{h}}^{\odot} \times {}^{\mathbb{R}}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-} = {}^{\mathbb{R}\equiv}\underline{\mathbb{h}}^{\bullet}_{-} \times \sum_{0 \neq \daleth \in <\odot>} {}^{\mathbb{R}}_{\daleth}\underline{\mathbb{h}}^{\bullet}$$

$${}^{\mathbb{R}\equiv}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-} \underset{\text{abel}}{\overset{\max}{\sqsupset}} {}^{\mathbb{R}}\underline{\mathbb{h}}^{\odot} = {}^{\mathbb{R}}\underline{\mathbb{h}}^{\odot}_{1} \times {}^{\mathbb{R}}\underline{\mathbb{h}}^{\odot}_{-}$$

$${}^{\mathbb{R}\equiv}\underline{\mathbb{h}}^{\bullet}_{-} = {}^{\mathbb{R}}_{1}\underline{\mathbb{h}}^{\bullet} \times {}^{\mathbb{R}}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-} \times \frac{{}^{\mathbb{R}}\underline{\mathbb{h}}^{\bullet}_{-}}{{}^{\mathbb{R}}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-}}$$

$${}^{\mathbb{R}}\underline{\mathbb{h}} = {}^{\mathbb{R}<}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-} \times {}^{\mathbb{R}\equiv}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-} \times {}^{\mathbb{R}>}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-} = {}^{\mathbb{R}\leqslant}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-} \times {}^{\mathbb{R}>}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-}$$

$${}^{\mathbb{R}>}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-} = \sum_{<\odot>\not\ni \daleth \in {}^{\mathbb{C}}\underline{\mathbb{h}}^{\bullet}_{-} \mid {}^{\mathbb{C}}_{>}\underline{\mathbb{h}}^{\sharp\bullet}} {}^{\mathbb{R}}_{\daleth}\underline{\mathbb{h}}^{\bullet}$$

$${}^{\mathbb{R}>}_{\bigcirc}\underline{\mathbb{h}}^{\bullet}_{-} = 0$$

$${}^{\mathbb{R}\leqslant}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-} = {}^{\mathbb{R}<}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-} \times {}^{\mathbb{R}\equiv}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-} \ \text{bolic}_{\mathbb{R}} \text{ cusp parabolic}$$

$${}^{\mathbb{R}\leqslant}_{\bigcirc}\underline{\mathbb{h}}^{\bullet}_{-} = {}^{\mathbb{R}\equiv}_{\bigcirc}\underline{\mathbb{h}}^{\bullet}_{-} = {}^{\mathbb{R}}\underline{\mathbb{h}} \ \text{maxi}_{\mathbb{R}}\text{bolic}$$

$${}^{\mathbb{R}}_{1}\underline{\mathbb{h}}^{\odot} = \frac{{}^{\mathbb{R}\equiv}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-}}{{}^{\mathbb{R}}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-}} = \frac{{}^{\mathbb{R}}\underline{\mathbb{h}}^{\bullet}}{{}^{\mathbb{R}}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-}} \times {}^{\mathbb{R}}_{\odot}\underline{\mathbb{h}}^{\bullet} = \frac{{}^{\mathbb{R}}\underline{\mathbb{h}}^{\bullet}_{-}}{{}^{\mathbb{R}}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-}} \times {}^{\mathbb{R}}_{1}\underline{\mathbb{h}}^{\bullet} \times \sum_{0 \neq \daleth \in <\odot>} {}^{\mathbb{R}}_{\daleth}\underline{\mathbb{h}}^{\bullet}$$

$$\frac{{}^{\mathbb{R}}\underline{\mathbb{h}}^{\bullet}}{{}^{\mathbb{R}}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-}} \times {}^{\mathbb{R}}_{1}\underline{\mathbb{h}}^{\bullet} = \frac{{}^{\mathbb{R}}\underline{\mathbb{h}}^{\bullet}_{-}}{{}^{\mathbb{R}}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-}} \times {}^{\mathbb{R}}\underline{\mathbb{h}}^{\bullet}_{1} \times {}^{\mathbb{R}}_{\odot}\underline{\mathbb{h}}^{\bullet} = \frac{{}^{\mathbb{R}}\underline{\mathbb{h}}^{\bullet}}{{}^{\mathbb{R}}_{\odot}\underline{\mathbb{h}}^{\bullet}_{-}} \times {}^{\mathbb{R}}_{\odot}\underline{\mathbb{h}}^{\bullet}$$

$${}^{\mathbb{R}}_{1}\underline{\mathbb{h}}^{\odot} \quad \underset{\text{abel}}{\overset{\max}{\sqsupset}} \quad {}^{\mathbb{R}}\underline{\mathbb{h}}^{\odot}_{1} \ \text{cpt}$$

$${}^{\mathbb{R}}\underline{\mathbb{h}}^{\bigcirc} = {}^{\mathbb{R}}\underline{\mathbb{h}}^{\bigcirc}_{1} \quad \underset{\text{abel}}{\overset{\max}{\sqsubset}} \quad {}^{\mathbb{R}\equiv}_{\bigcirc}\underline{\mathbb{h}}^{\bullet}_{-} = {}^{\mathbb{R}}\underline{\mathbb{h}}^{\bullet} \times {}^{\mathbb{R}}_{\bigcirc}\underline{\mathbb{h}}^{\bullet} = {}^{\mathbb{R}}\underline{\mathbb{h}}^{\bullet}_{-} \times {}^{\mathbb{R}}_{1}\underline{\mathbb{h}}^{\bullet} \times \sum_{0 \neq 1} {}^{\mathbb{R}}_{1}\underline{\mathbb{h}}^{\bullet} = {}^{\mathbb{R}}\underline{\mathbb{h}}$$