

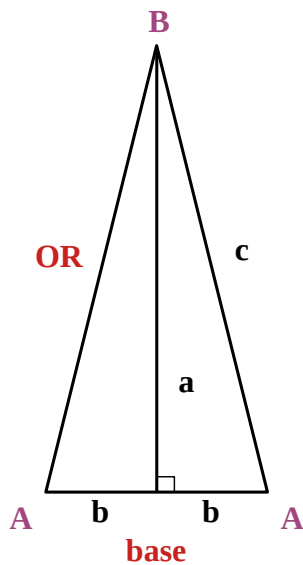
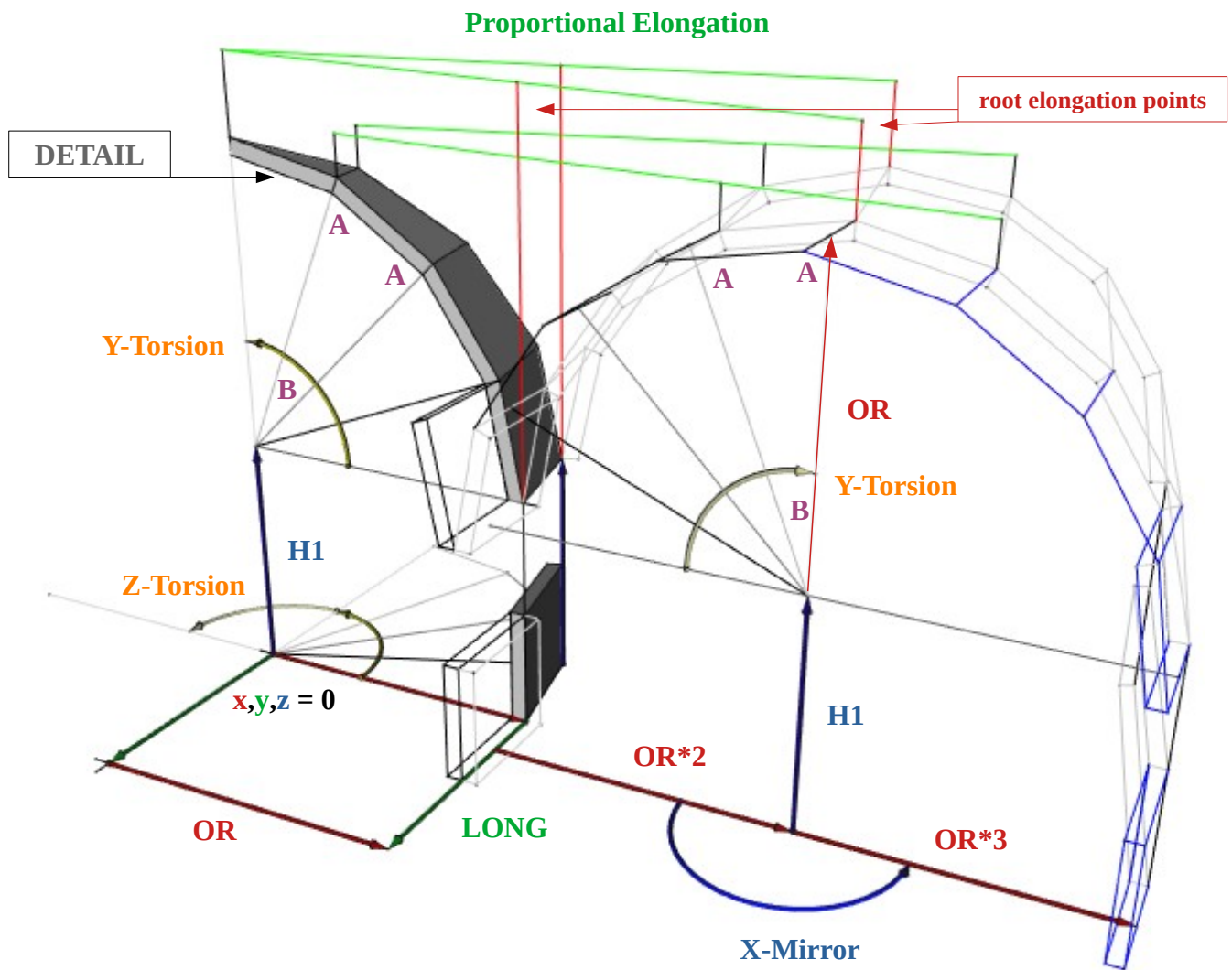
FreeCAD World

[notes]

Config types

- **int():** integers: (1, 2, 15, 144, 2048, etc);
- **float():** floating point numbers: (1.2, 2.3, 15.123, 144.9, 2048.1024, $\frac{3}{4}$, $\frac{1}{2}$, etc);
- **bool():** boolean **True** or **False**, 1 or 0. (In real life is **On/Off**);
- **tuple():** in config used as **comma separated** tuple of integers or floats;
- **str():** string as any human readable words, eg **str("CORNER")**;
- **dict():** **comma separated** dictionary of options: str(key) = value, where value may be **one** of described above types;

The Principle



$$B = 360^\circ / \text{DETAILS}$$

$$A + B/2 = 90^\circ$$

$$A = (180^\circ - B)/2$$

$$a = OR * \sin(A) = \text{cathetus}$$

$$b = OR * \cos(A) = \text{side } b$$

$$OR = a / \cos(B/2) = c = \text{hypotenuse}$$

$$\text{base} = b * 2 = OR * 2 * \cos(A)$$

**Isosceles Triangle
as base of
construction**