$$\bar{r} = \bar{v} \times \bar{o}$$

$$\bar{s} = \bar{o} \times \bar{u}$$

$$\bar{n} = \bar{u} \times \bar{v}$$

$$k_r = \bar{r} \cdot (\bar{C}_a - \bar{V})$$

$$k_s = \bar{s} \cdot (\bar{C}_a - \bar{V})$$

$$k_n = \bar{n} \cdot (\bar{C}_a - \bar{V})$$

$$x(\theta,\nu) = \frac{\bar{r} \cdot D\_A(\theta, \nu) + k_r \delta(\theta, \nu)}{\bar{n} \cdot D\_A(\theta, \nu) + k_n \delta(\theta, \nu)}$$

$$y(\theta,\nu) = \frac{\bar{s} \cdot D\_A(\theta, \nu) + k_s \delta(\theta, \nu)}{\bar{n} \cdot D\_A(\theta, \nu) + k_n \delta(\theta, \nu)}$$

where

$$\bar{v} \in \mathbb{R}^3$$

$$\bar{o} \in \mathbb{R}^3$$

$$\bar{u} \in \mathbb{R}^3$$

$$\bar{V} \in \mathbb{R}^3$$

$$\bar{C}_a \in \mathbb{R}^3$$

$$\theta \in \mathbb{R}$$

$$\nu \in \mathbb{R}$$

$$D\_A \in \mathbb{R}, \mathbb{R} \to \mathbb{R}^3$$

$$\delta \in \mathbb{R}, \mathbb{R} \to \mathbb{R}$$