

$$x(\theta, v) = \frac{(r \text{ bar} \cdot D\_A(\theta, v) + k\_r \delta(\theta, v))}{(n \text{ bar} \cdot D\_A(\theta, v) + k\_n \delta(\theta, v))}$$

$$y(\theta, v) = \frac{(s \text{ bar} \cdot D\_A(\theta, v) + k\_s \delta(\theta, v))}{(n \text{ bar} \cdot D\_A(\theta, v) + k\_n \delta(\theta, v))}$$

where

- $r \text{ bar} \in \mathbb{R}^3$
- $s \text{ bar} \in \mathbb{R}^3$
- $n \text{ bar} \in \mathbb{R}^3$
- $\theta \in \mathbb{R}$
- $v \in \mathbb{R}$
- $k\_r \in \mathbb{R}$
- $k\_s \in \mathbb{R}$
- $k\_n \in \mathbb{R}$
- $D\_A \in \mathbb{R}, \mathbb{R} \rightarrow \mathbb{R}^3$
- $\delta \in \mathbb{R}, \mathbb{R} \rightarrow \mathbb{R}$