

IMPLICATION OF NEWTON-SANTILLI ISOEQUATIONS

$$\mathbf{t}_{\text{ext}} = \mathbf{t}_{\text{int}} \times \hat{\mathbf{I}}_{\mathbf{t}}, \quad \mathbf{r}_{\text{ext}} = \mathbf{r}_{\text{int}} \times \hat{\mathbf{I}}_{\mathbf{r}}, \quad \mathbf{v}_{\text{ext}} = \mathbf{v}_{\text{int}} \times \hat{\mathbf{I}}_{\mathbf{v}}$$

$$\mathbf{t}_{\text{ext}} \begin{matrix} \leq \\ \geq \end{matrix} \mathbf{t}_{\text{int}}, \quad \mathbf{r}_{\text{ext}} \begin{matrix} \leq \\ \geq \end{matrix} \mathbf{r}_{\text{int}}, \quad \mathbf{v}_{\text{ext}} \begin{matrix} \leq \\ \geq \end{matrix} \mathbf{v}_{\text{int}}$$

I: The internal observer can be far in the future or far in past time

I: External observer sees a cube, internal observer can see a cathedral

I: Internal speeds can be bigger or smaller than external speeds

APPLICATION

A novel IsoGeometric Locomotion: