

$\text{SiNum}(x) := xx \leftarrow \text{Si}(x) \text{ float}, 20 \rightarrow$

$\text{SiNum}(2.0) = 1.6054129768026948486$

Numeric evaluation, but, given the precision, it's really a symbolic result

$$v := \begin{pmatrix} 1 \\ 2 \\ 3 \end{pmatrix}$$

$$\text{SiNum}(v) = \begin{pmatrix} 0.94608307036718301494 \\ 1.6054129768026948486 \\ 1.8486525279994682564 \end{pmatrix}$$

Numeric evaluation, but, given the precision, it's really a symbolic result

$$\overrightarrow{\text{SiNum}(v)} = \begin{pmatrix} 0.9461 \\ 1.6054 \\ 1.8487 \end{pmatrix}$$

Now it looks like a numeric result

$$1 \cdot \overrightarrow{\text{SiNum}(v)} =$$

But it's not.

This value must be a scalar.

$$xx := 1.0 \cdot \overrightarrow{\text{SiNum}(v)} \rightarrow \begin{pmatrix} 0.94608307036718301494 \\ 1.6054129768026948486 \\ 1.8486525279994682564 \end{pmatrix}$$

$$1.0 \cdot xx = \begin{pmatrix} 0.9461 \\ 1.6054 \\ 1.8487 \end{pmatrix}$$

This extra step seems to fix it

$$\text{SiNum2}(X) := 1.0 \cdot \overrightarrow{\text{SiNum}(X)} \rightarrow$$

But it doesn't work as a function

This variable is undefined.

$$\text{SiNum2}(2) =$$

This variable is undefined.