2091

1 Some Agda code

• The natural numbers

```
\begin{array}{c} \mathsf{var} \texttt{[U+2091]} \,:\, \forall \{n:\, \mathbb{N}\} \{\,:\, \mathsf{Vec} \,\, \texttt{[U+1D553]} \,\, n\} \\ \qquad \to (x:\, \mathsf{Fin} \,\, n) \\ \qquad \qquad ------ \\ \qquad \to \,\, \vdash \mathsf{exp:} \,\, (\mathsf{Vec}\text{-elem} \,\, x) \end{array}
```