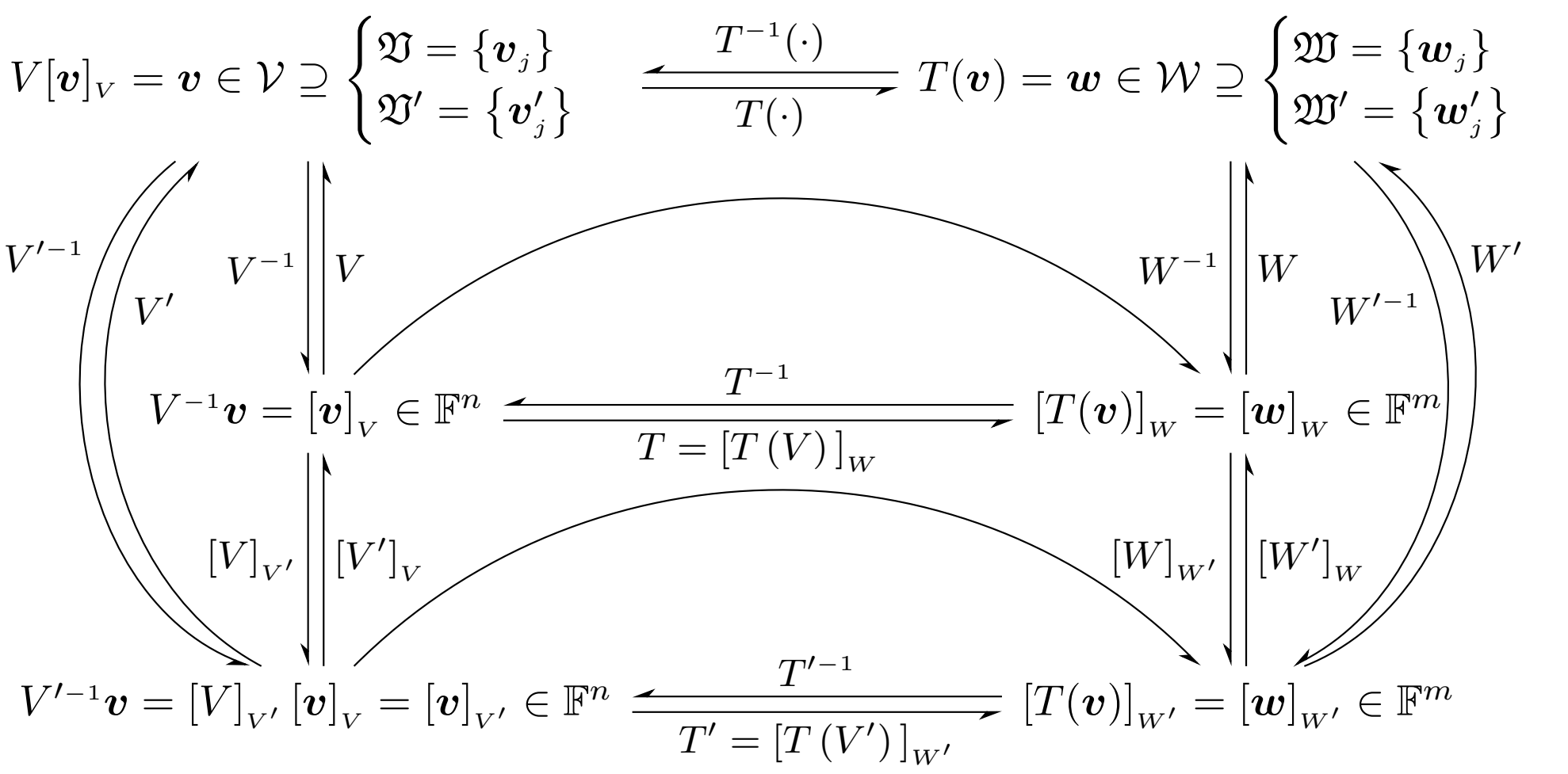
$V[\boldsymbol{v}]_V = \boldsymbol{v} \in \mathcal{V} \supseteq \begin{cases} \mathfrak{V} = \{\boldsymbol{v}_j\} \\ \mathfrak{V}' = \{\boldsymbol{v}'_j\} \end{cases}$
$T^{-1}(\cdot)$
$T(\cdot)$
$T(\boldsymbol{v}) = \boldsymbol{w} \in \mathcal{W} \supseteq \begin{cases} \mathfrak{W} = \{\boldsymbol{w}_j\} \\ \mathfrak{W}' = \{\boldsymbol{w}'_j\} \end{cases}$
V'^{-1}
V'
V^{-1}
V
W^{-1}
W
W'^{-1}
W'
$V^{-1}\boldsymbol{v} = [\boldsymbol{v}]_V \in \mathbb{F}^n$
T^{-1}
$T = [T(V)]_W$
$[T(\boldsymbol{v})]_W = [\boldsymbol{w}]_W \in \mathbb{F}^m$
$[V]_{V'}$
$[V']_V$
$[W]_{W'}$
$[W']_W$
$V'^{-1}\boldsymbol{v} = [V]_{V'}[\boldsymbol{v}]_V = [\boldsymbol{v}]_{V'} \in \mathbb{F}^n$
T'^{-1}
$T' = [T(V')]_{W'}$
$[T(\boldsymbol{v})]_{W'} = [\boldsymbol{w}]_{W'} \in \mathbb{F}^m$