Three types of inverses appear below!

- \overline{R} is the inverse of R in the algebra $\mathbb{B} \otimes \mathbb{A}$.
- P is the inverse of R as a quadratic form, like how an element of V^{*}⊗V^{*} can be the inverse of
- an element of $V \otimes V$. As a map $P : \mathbb{A} \otimes \mathbb{B} \to Q$.
- \overline{aS} is the inverse of aS as an operator form, like how an element of $V^* \otimes V$ can be the inverse
- of another element of $V^* \otimes V$.