

$$\left( \prod_{j=1}^n \hat{x}_j \right) H_c = \frac{1}{2} \hat{k}_{ij} \det \hat{\mathbf{K}}(i|i)$$

$$\begin{array}{ccc}
 R \times S \times T & \xrightarrow{\text{restriction}} & S \times T \\
 \text{proj} \downarrow & & \downarrow \text{proj} \\
 R \times S & \xleftarrow{\text{inclusion}} & S
 \end{array} \tag{5.1}$$