$$
\begin{aligned}
K_{VS}^{-1} v_B &= R_H^T A_H^{-1} R_H v_B + \sum_{E_i} R_{E_i}^T M_{E_i}^{-1} R_{E_i} v_B \\
&\quad + \sum_{X_k} R_{X_k}^T M_{X_k}^{-1} R_{X_k} v_B.
\end{aligned} \tag{5.11}
$$