$$
\begin{array}{ccc}
\mathscr{D} & \xrightarrow{\ P\ } & \mathscr{D}[T^{-1}] \\
{\scriptstyle F}\left(\ \dashv\ \right){\scriptstyle G} & & {\scriptstyle \overline{F}}\left(\ \dashv\ \right){\scriptstyle \overline{G}} \\
\mathscr{C} & \xrightarrow{\ Q\ } & \mathscr{C}[S^{-1}]
\end{array}
$$