$$\begin{array}{ccccc} D^n \times \{0\} & \xrightarrow{\ \varphi\ } & D^n \times \{0\} \cup S^{n-1} \times [0,1] & \xrightarrow{\ \bar{f}\ } & E \\[2mm] \downarrow & & \uparrow & & \downarrow{\scriptstyle p} \\[2mm] D^n \times [0,1] & \xrightarrow{\ \varphi\ } & D^n \times [0,1] & \xrightarrow{\ h\ } & B \end{array}$$

h'