$$\begin{array}{ccccc}
A & \xrightarrow{\phi_n} & A_n & \xrightarrow{\epsilon_{i,n}} & M_{n_k}(\mathbb{C}) \\
\downarrow^{\pi} & & \downarrow^{\eta_{i,n}} \\
B(H) & \longleftarrow & B(H_n)
\end{array}$$