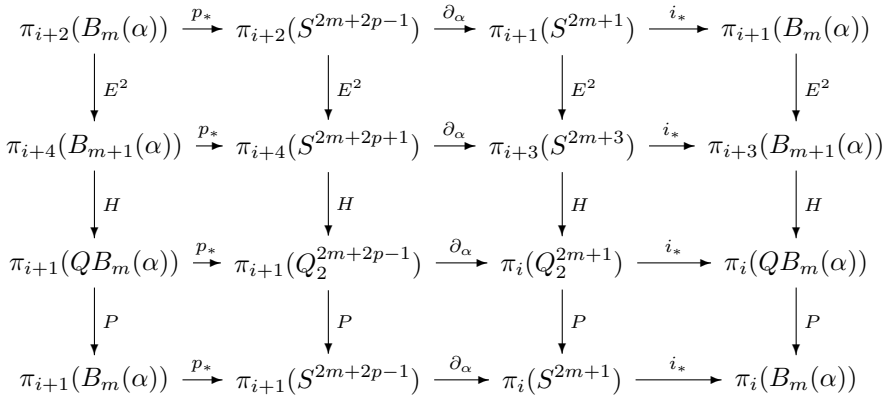
$\pi_{i+2}(B_m(\alpha))$ $\xrightarrow{p_*}$ $\pi_{i+2}(S^{2m+2p-1})$ $\xrightarrow{\partial_\alpha}$ $\pi_{i+1}(S^{2m+1})$ $\xrightarrow{i_*}$ $\pi_{i+1}(B_m(\alpha))$
E^2 E^2 E^2 E^2
$\pi_{i+4}(B_{m+1}(\alpha))$ $\xrightarrow{p_*}$ $\pi_{i+4}(S^{2m+2p+1})$ $\xrightarrow{\partial_\alpha}$ $\pi_{i+3}(S^{2m+3})$ $\xrightarrow{i_*}$ $\pi_{i+3}(B_{m+1}(\alpha))$
H H H H
$\pi_{i+1}(QB_m(\alpha))$ $\xrightarrow{p_*}$ $\pi_{i+1}(Q_2^{2m+2p-1})$ $\xrightarrow{\partial_\alpha}$ $\pi_i(Q_2^{2m+1})$ $\xrightarrow{i_*}$ $\pi_i(QB_m(\alpha))$
P P P P
$\pi_{i+1}(B_m(\alpha))$ $\xrightarrow{p_*}$ $\pi_{i+1}(S^{2m+2p-1})$ $\xrightarrow{\partial_\alpha}$ $\pi_i(S^{2m+1})$ $\xrightarrow{i_*}$ $\pi_i(B_m(\alpha))$