$$B \xrightarrow{\omega_{a'}} S(a', a')$$

$$\sigma_a \left( \bigoplus_{\Theta_a} \omega_a \right) \omega_a \qquad S(f, a')$$

$$S(a, a) \xrightarrow{S(a, f)} S(a, a')$$

$$S(a, a) \xrightarrow{S(a, f)} S(a, a')$$