$$\cdots \longrightarrow \operatorname{Hom}_{G}(\mathbb{Z}[(G/H)^{i}], A^{H}) \longrightarrow \cdots$$

$$\downarrow \qquad \qquad \downarrow$$

$$\cdots \longrightarrow \operatorname{Hom}_{G}(\mathbb{Z}[G^{i}], A) \longrightarrow \cdots$$