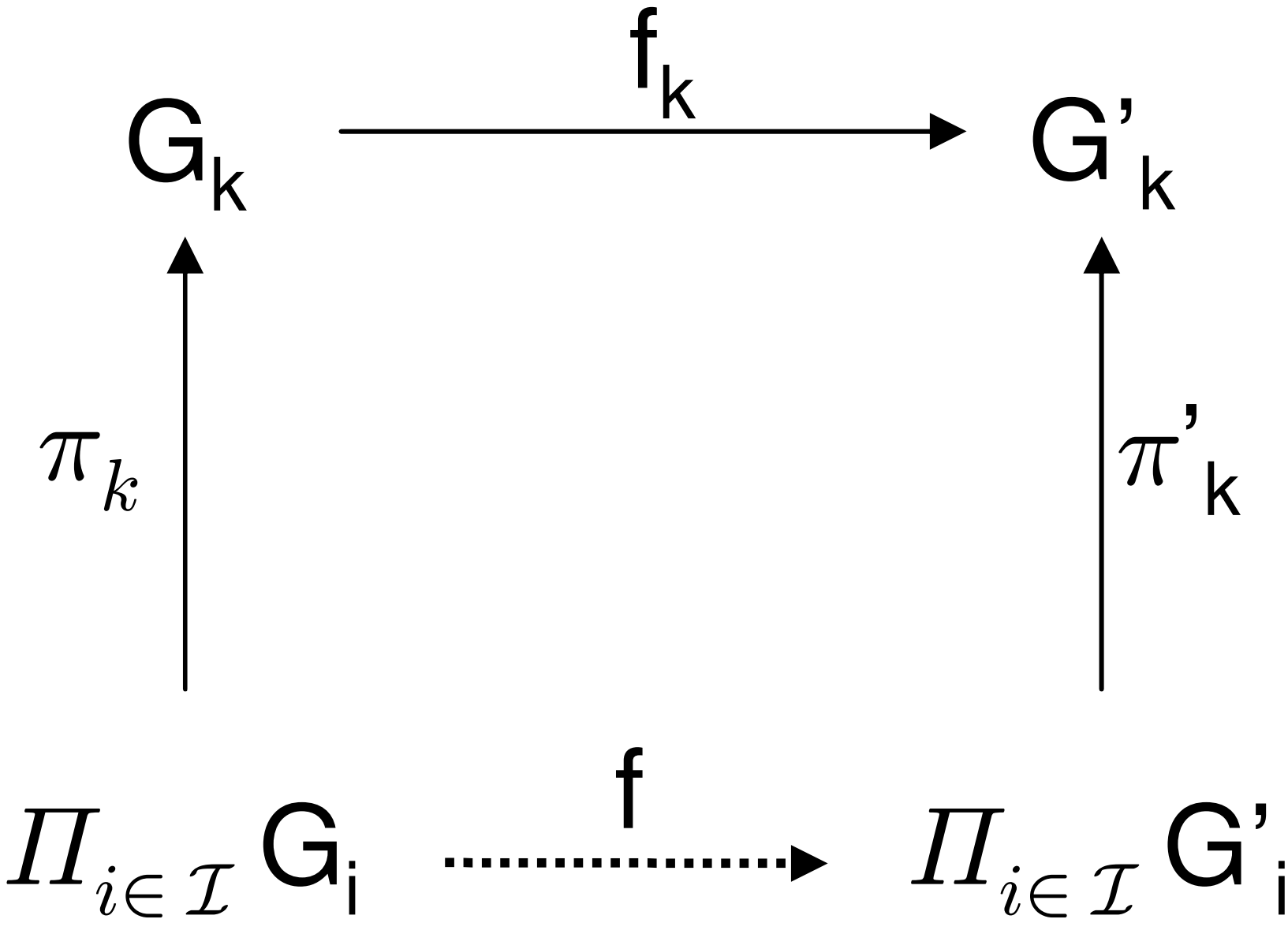
f_k
G_k
G'_k
π_k
π'_k
f
$\Pi_{i \in \mathcal{I}} G_i$
$\Pi_{i \in \mathcal{I}} G'_i$