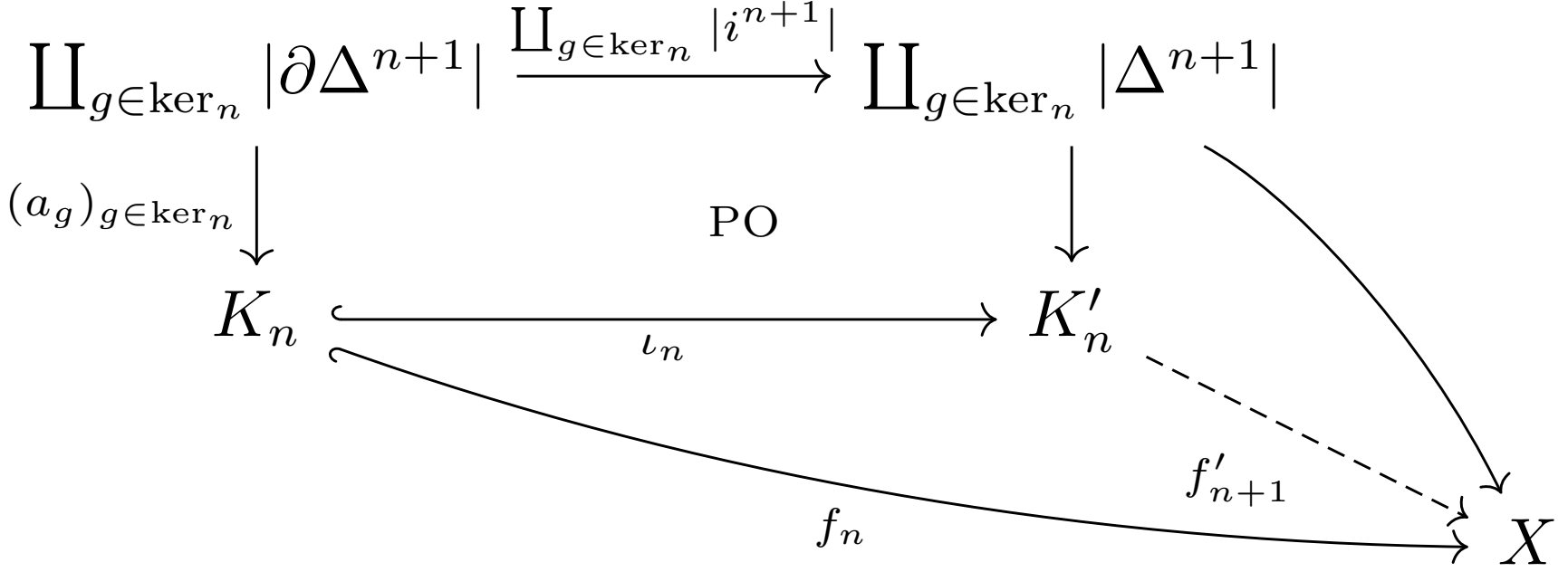
$\coprod_{g\in\ker_n} |\partial\Delta^{n+1}|$
$\coprod_{g\in\ker_n} |i^{n+1}|$
$\coprod_{g\in\ker_n} |\Delta^{n+1}|$
$(a_g)_{g\in\ker_n}$
PO
K_n
ι_n
K'_n
f'_{n+1}
f_n
X