

# **THE LOCAL INTERTWINING RELATION**

SUG WOO SHIN

The local intertwining relation is an identity that gives precise information about the action of normalized intertwining operators on parabolically induced representations. It plays a central role in Arthur's endoscopic classification for quasi-split classical groups. After reviewing the context, I will explain new results on the local intertwining relation and their implication on the status of Arthur's endoscopic classification. Joint work with Hiraku Atobe, Wee Teck Gan, Atsushi Ichino, Tasho Kaletha, and Alberto Minguez.