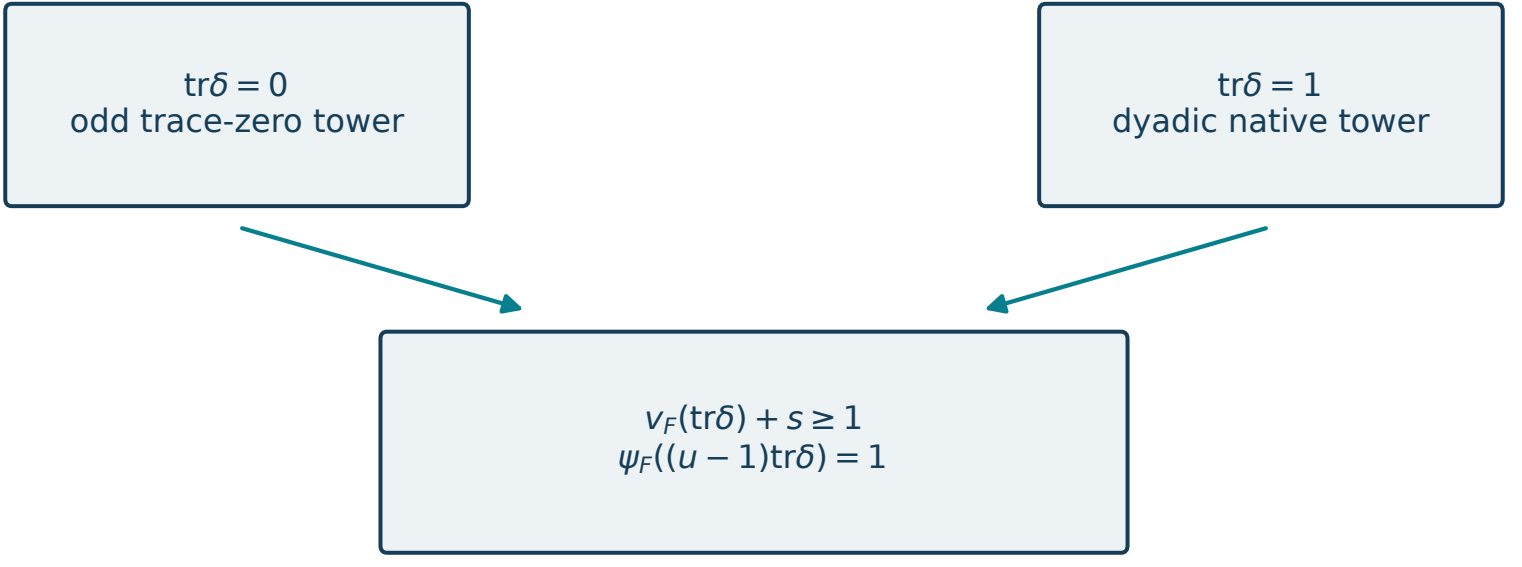

$\mathrm{tr}\delta = 0$
odd trace-zero tower
$\mathrm{tr}\delta = 1$
dyadic native tower
$v_F(\mathrm{tr}\delta) + s \geq 1$
$\psi_F((u-1)\mathrm{tr}\delta) = 1$