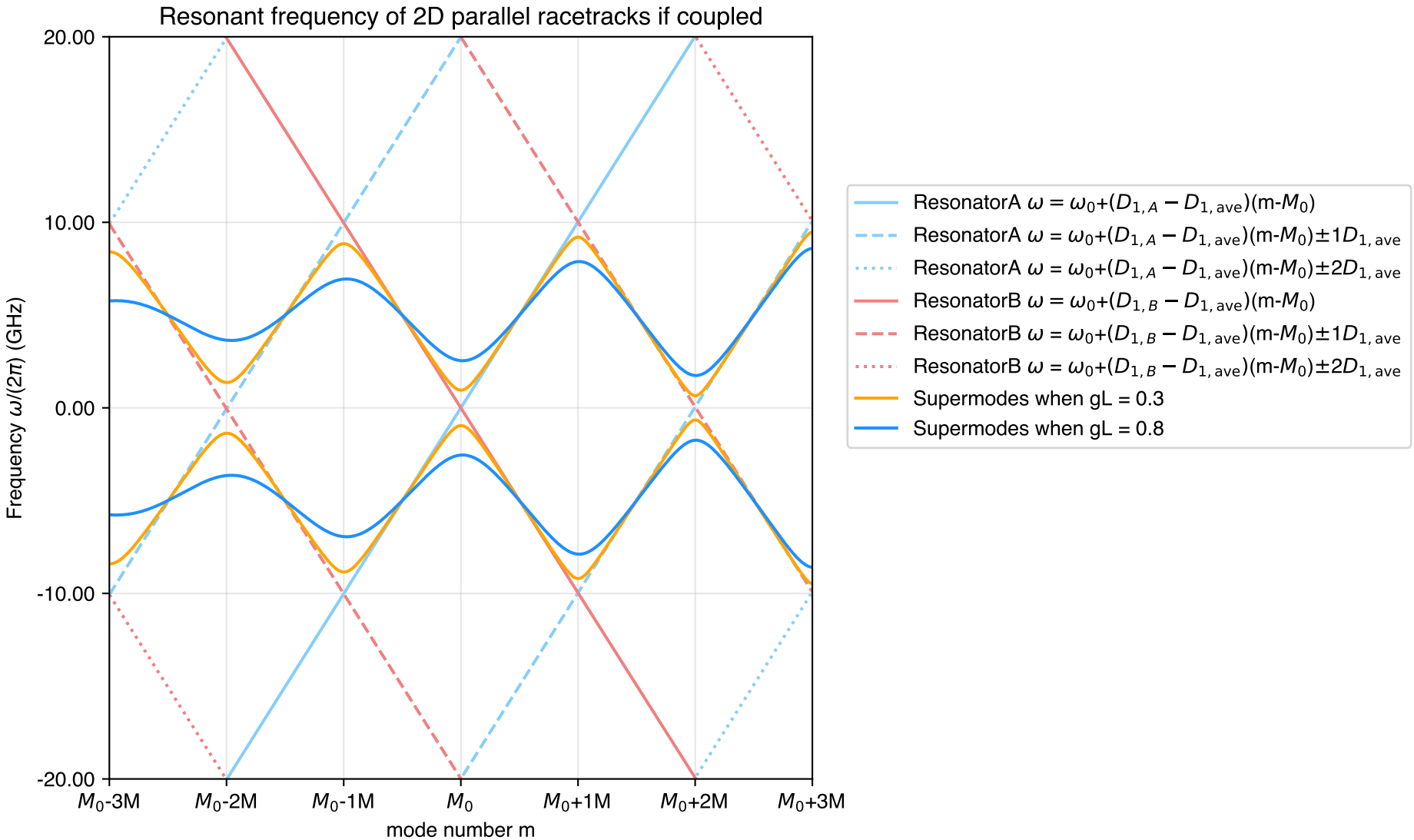
Resonant frequency of 2D parallel racetracks if coupled
20.00
10.00
0.00
-10.00
-20.00
Frequency ω/(2π) (GHz)
M0-3M
M0-2M
M0-1M
M0
M0+1M
M0+2M
M0+3M
mode number m
ResonatorA ω = ω0+(D1, A − D1, ave)(m-M0)
ResonatorA ω = ω0+(D1, A − D1, ave)(m-M0)±1D1, ave
ResonatorA ω = ω0+(D1, A − D1, ave)(m-M0)±2D1, ave
ResonatorB ω = ω0+(D1, B − D1, ave)(m-M0)
ResonatorB ω = ω0+(D1, B − D1, ave)(m-M0)±1D1, ave
ResonatorB ω = ω0+(D1, B − D1, ave)(m-M0)±2D1, ave
Supermodes when gL = 0.3
Supermodes when gL = 0.8