Supplementary Material

Response diagrams for driven sessile drops with contact-line dissipation

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Figures 1, 2 & 4 map the regions of modal coexistence for the $\ell = 1, k = 7, k = 8$ modes with the sectoral modes for pinned $\Lambda = \infty$ and finite mobility $\Lambda = 0.1$ disturbances.

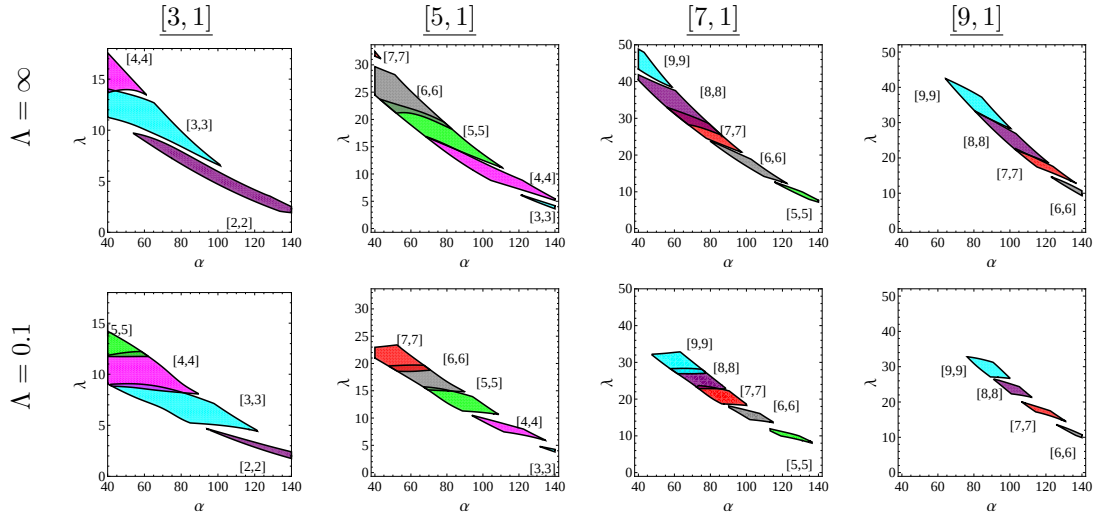

Figure 1: Domains of coexistence for the rocking modes $[k, 1]$ mixed with the sectoral modes $[k, k]$ for pinned $\Lambda = \infty$ and finite contact-line mobility $\Lambda = 0.1$ disturbances with $\epsilon = 0.0024$.

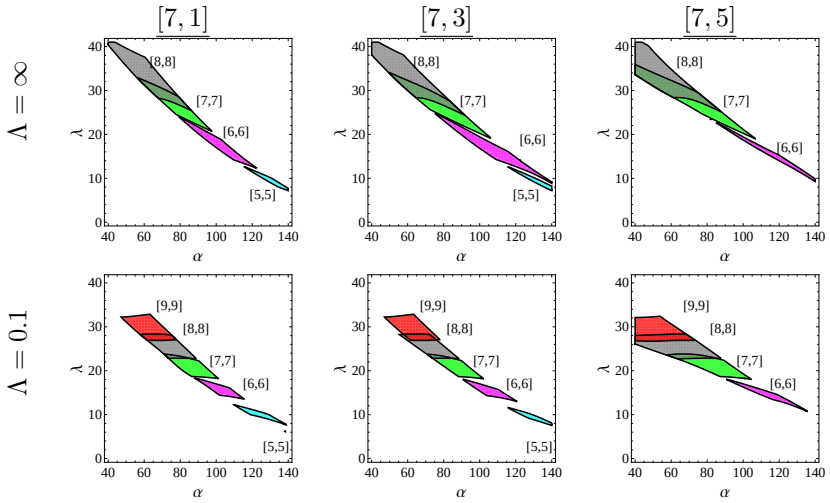

Figure 2: Domains of coexistence for the $[7, \ell]$ modes mixed with the sectoral modes $[k, k]$ for pinned $\Lambda = \infty$ and finite contact-line mobility $\Lambda = 0.1$ disturbances with $\epsilon = 0.0024$.

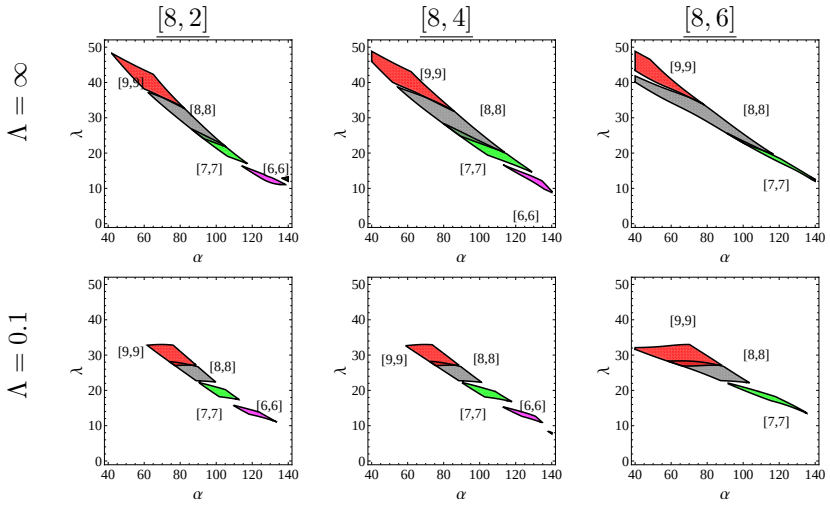

Figure 3: Domains of coexistence for the $[8, \ell]$ modes mixed with the sectoral modes $[k, k]$ for pinned $\Lambda = \infty$ and finite contact-line mobility $\Lambda = 0.1$ disturbances with $\epsilon = 0.0024$.