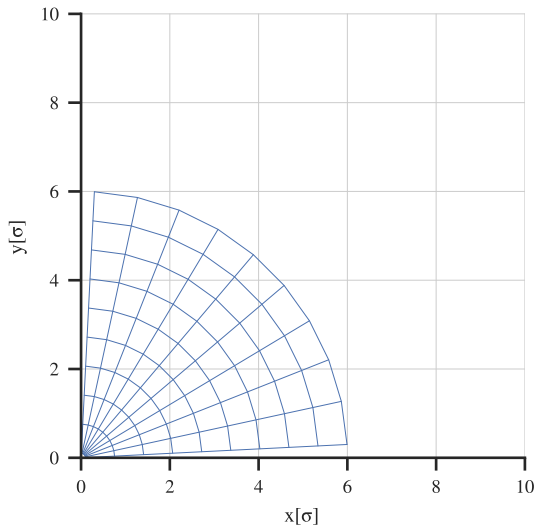
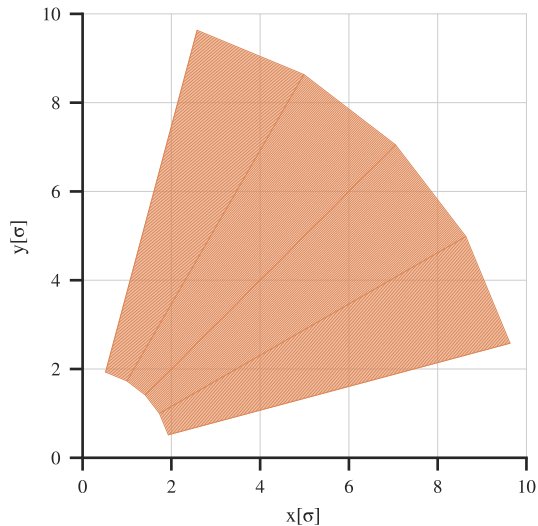


## Initial conditions for the footprints

Default initial condition

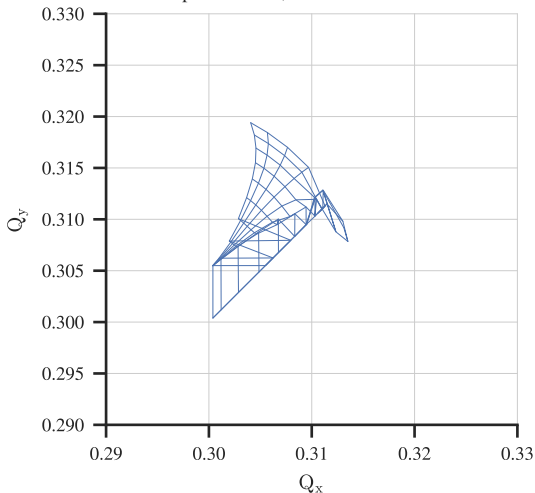


Mimicked initial condition

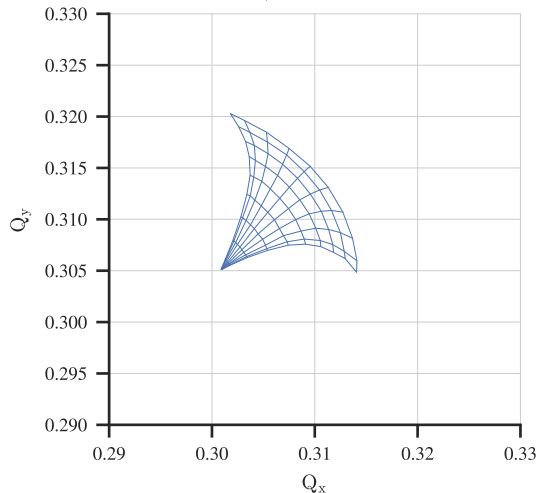


Footprints for bunch = 91 with DA = 4.969 (DA percentile 0)

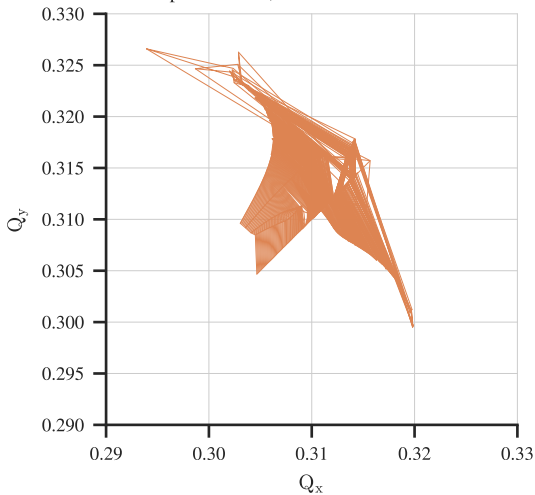
Non perturbative, default initial condition



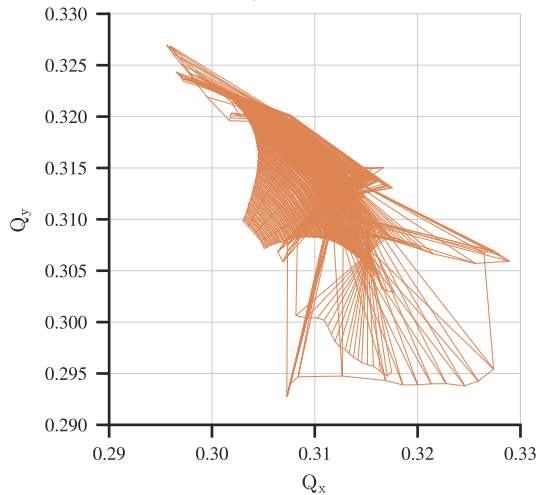
Perturbative, default initial condition



Non perturbative, mimicked initial condition

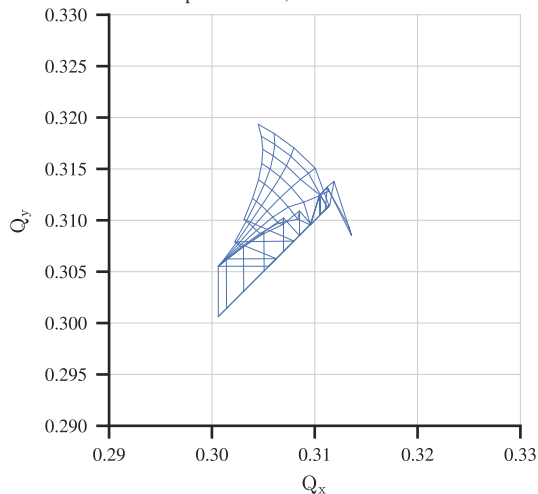


Perturbative, mimicked initial condition

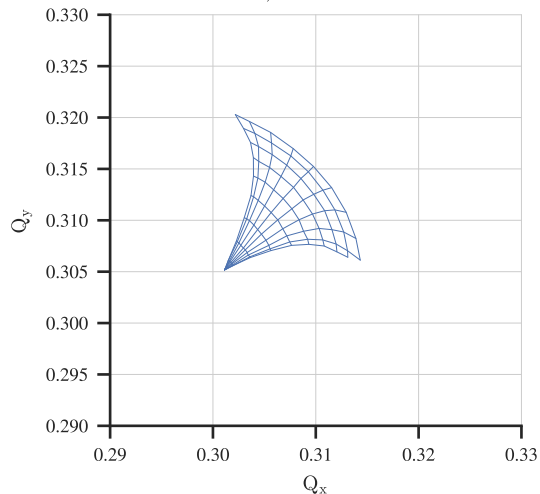


Footprints for bunch = 90 with DA = 5.938 (DA percentile 25)

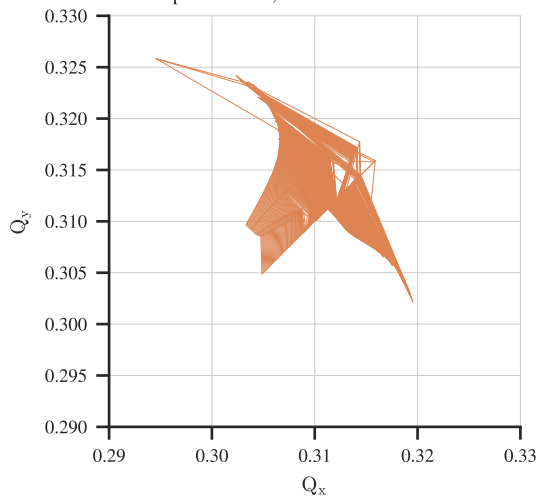
Non perturbative, default initial condition



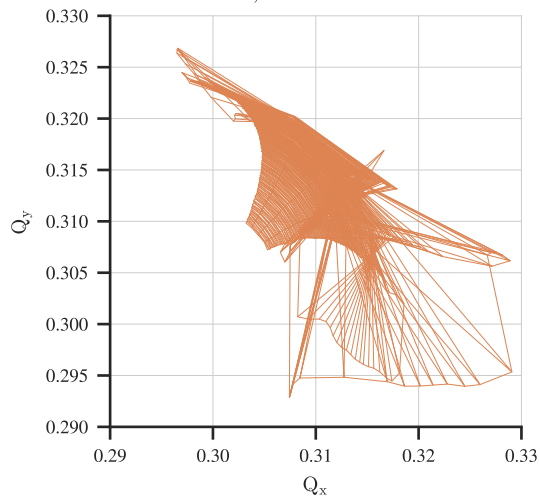
Perturbative, default initial condition



Non perturbative, mimicked initial condition

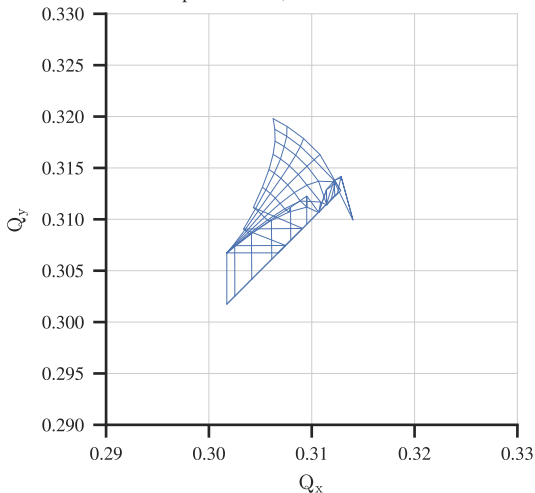


Perturbative, mimicked initial condition

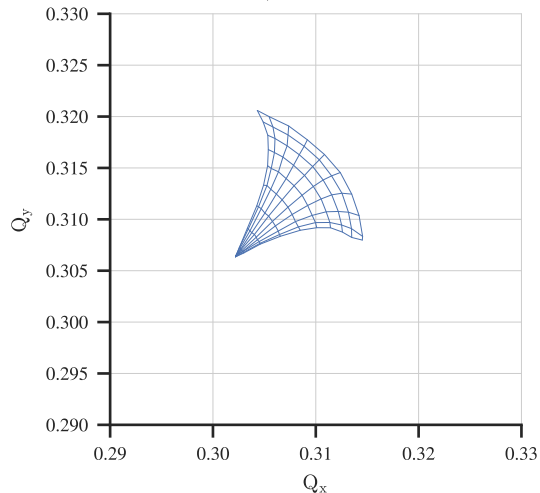


Footprints for bunch = 67 with DA = 6.094 (DA percentile 50)

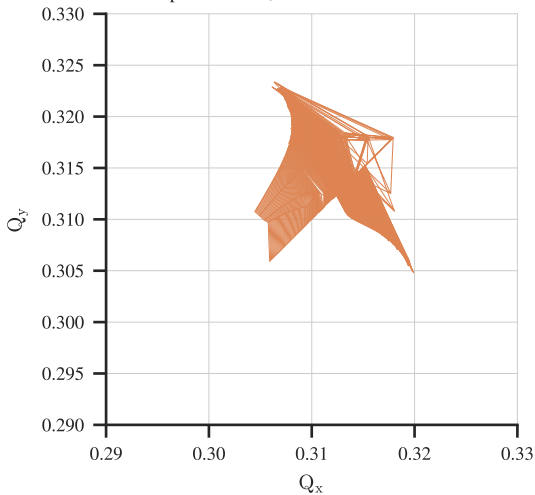
Non perturbative, default initial condition



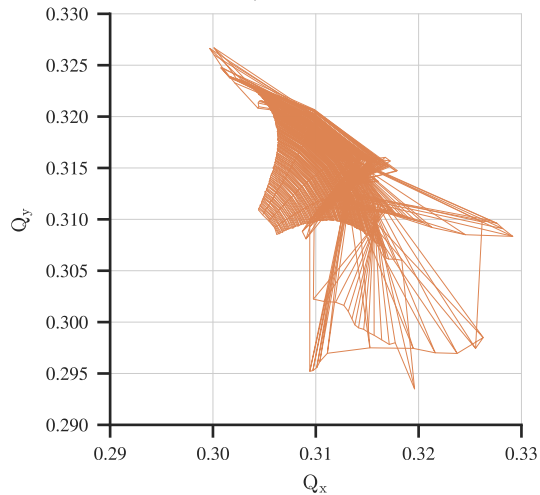
Perturbative, default initial condition



Non perturbative, mimicked initial condition

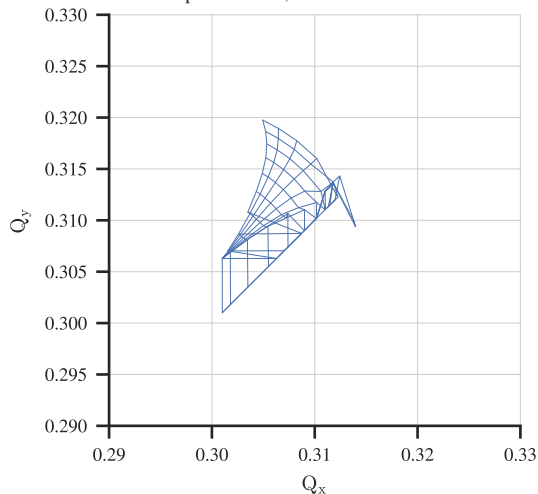


Perturbative, mimicked initial condition

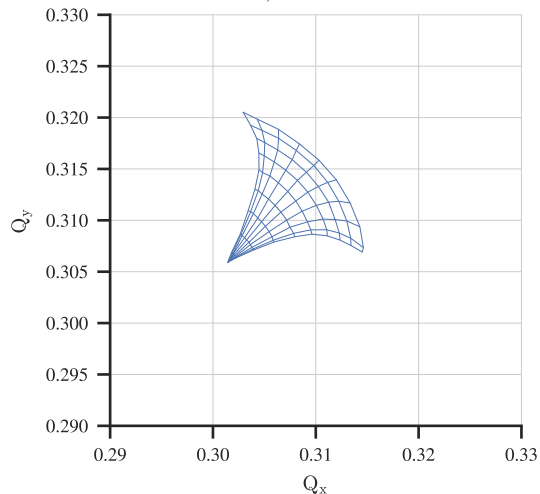


Footprints for bunch = 162 with DA = 6.281 (DA percentile 75)

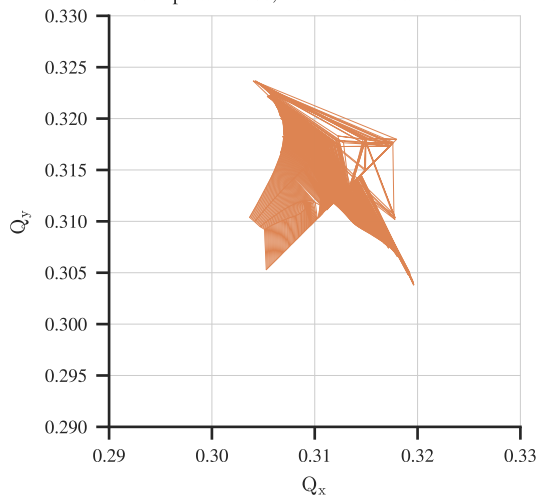
Non perturbative, default initial condition



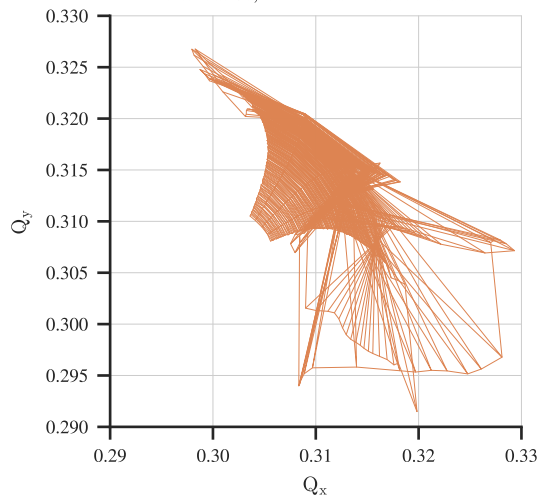
Perturbative, default initial condition



Non perturbative, mimicked initial condition

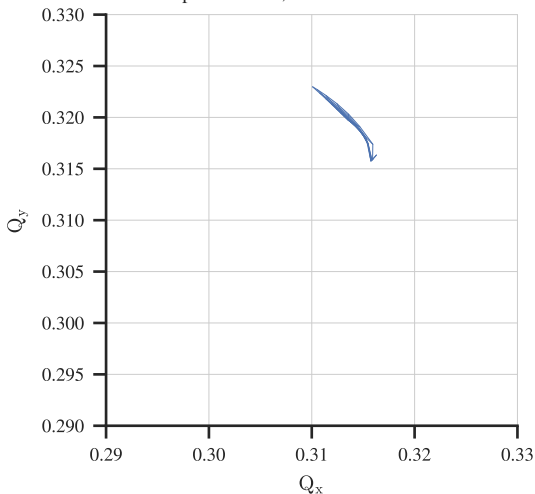


Perturbative, mimicked initial condition

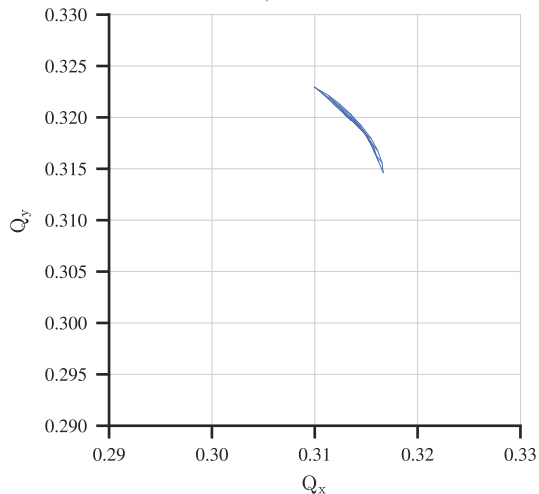


Footprints for bunch = 18 with DA = 7.312 (DA percentile 100)

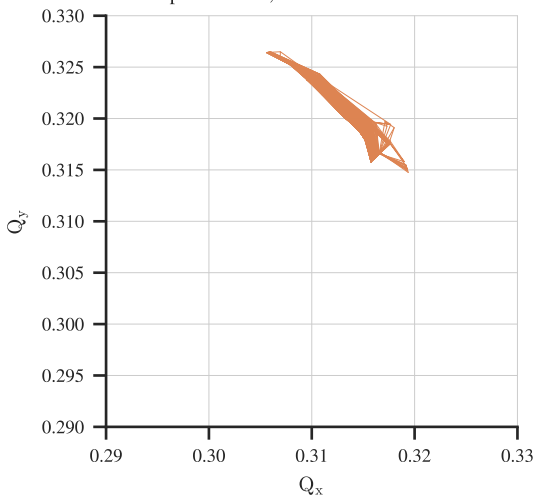
Non perturbative, default initial condition



Perturbative, default initial condition



Non perturbative, mimicked initial condition



Perturbative, mimicked initial condition

