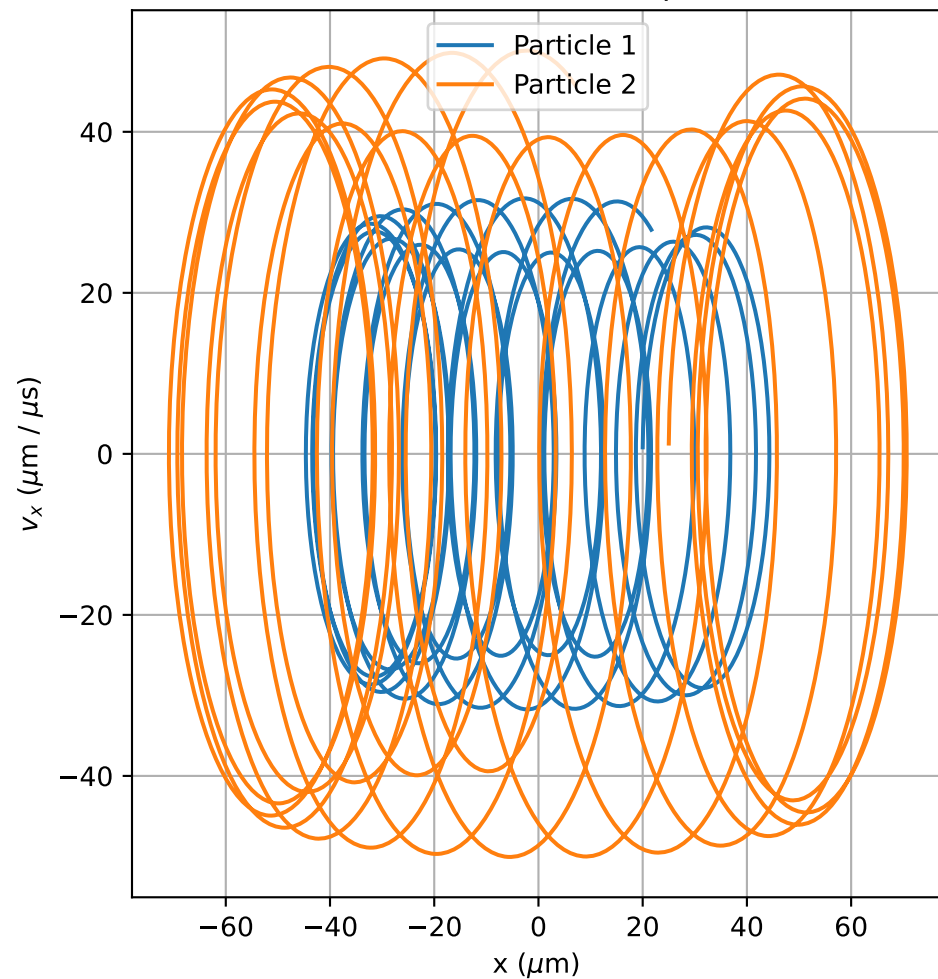


# Phase space plots for the particles 1 and 2 ( $x$ , $v_x$ )

## No interaction between particles



## With interaction between particles

