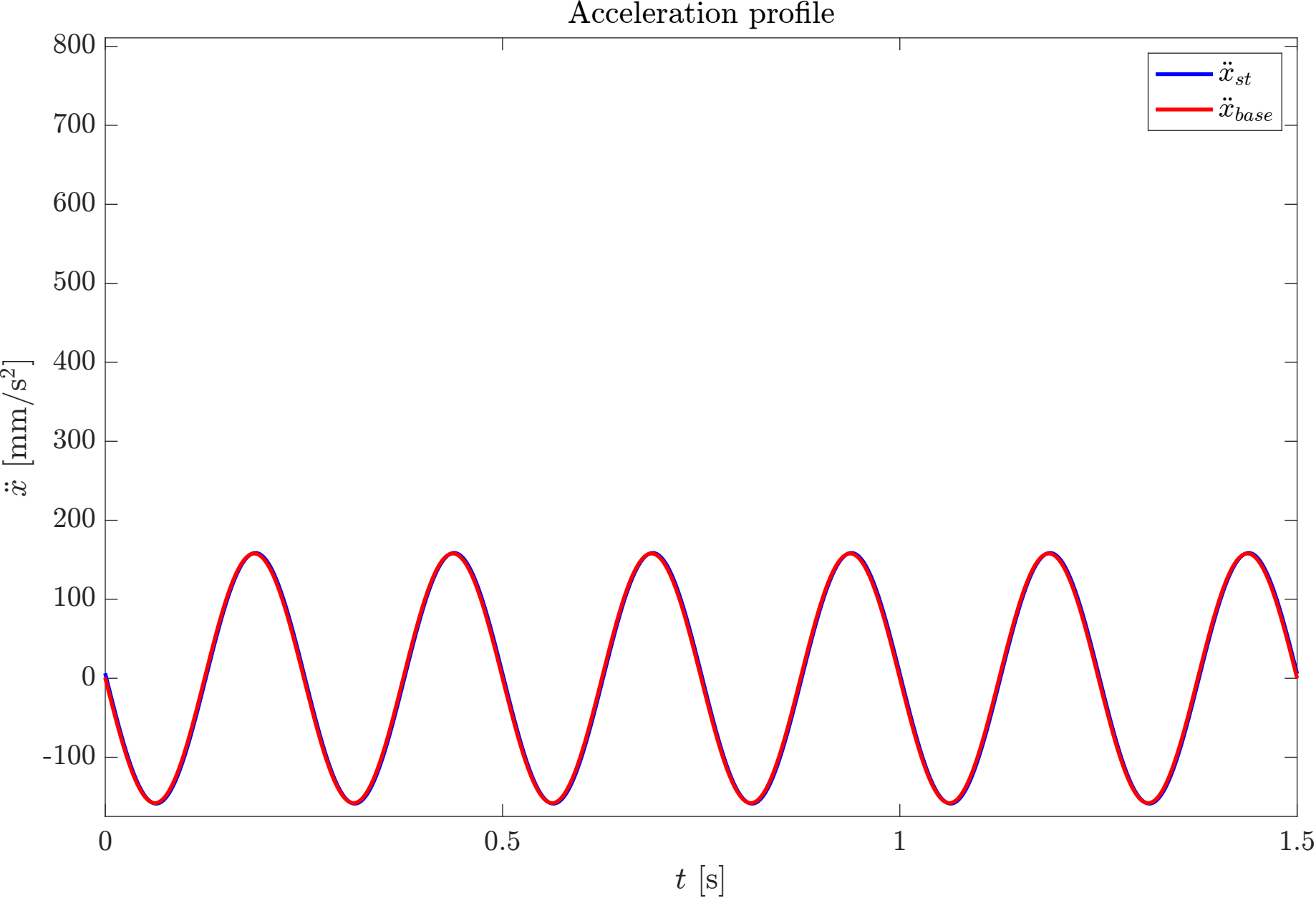
Acceleration profile
800
700
600
500
400
300
200
100
0
-100
$\ddot{x}$ [mm/s^2]
0
0.5
1
1.5
t [s]
$\ddot{x}_{st}$
$\ddot{x}_{base}$