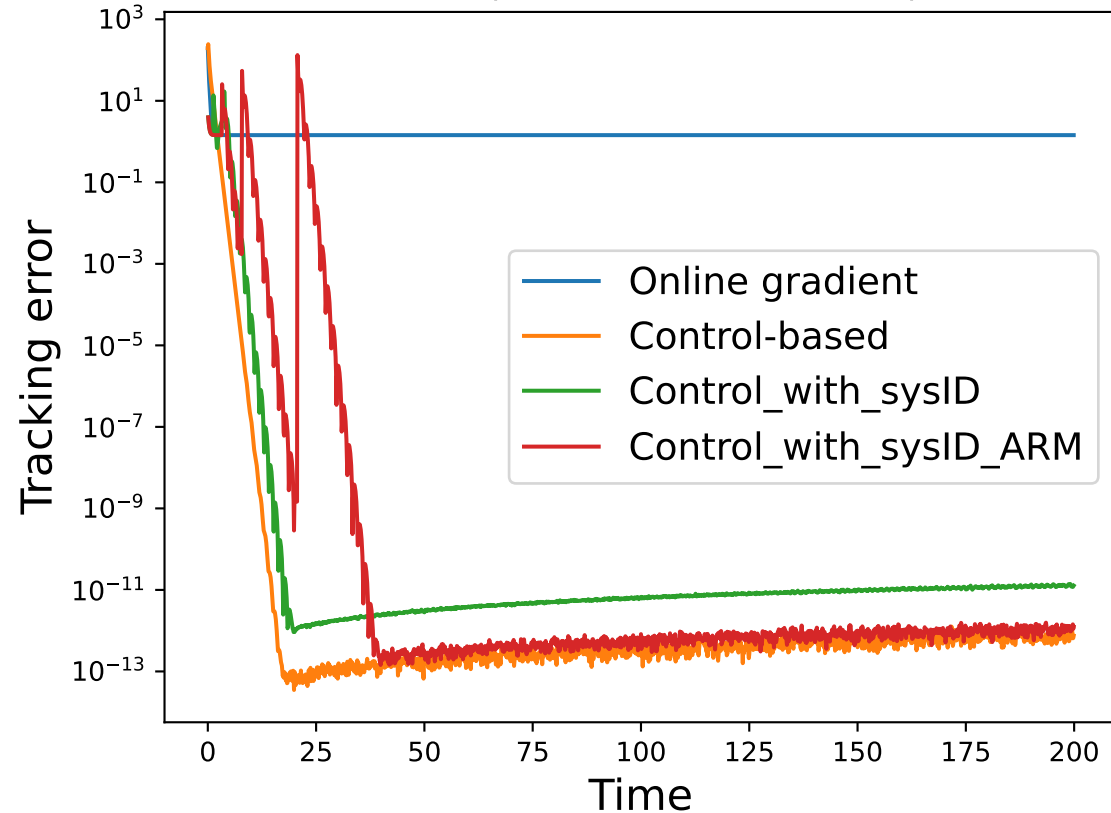


Online Optimization with $\mathbf{b}_k = \text{ramp}$



Asymptotic Tracking Errors:
 Online Gradient Method: $1.438\text{e}+00$
 Original Control Method: $1.263\text{e}-12$
 RLS with known order: $1.404\text{e}-11$
 ARM(∞): $1.574\text{e}-12$

RLS Known order: $\|\delta_1\|_\infty = 4.796\text{e}-14$
 ARM(∞): $\|\delta_1\|_\infty = 2.091\text{e}+00$
 Note: Internal Model and System ID model have different orders!