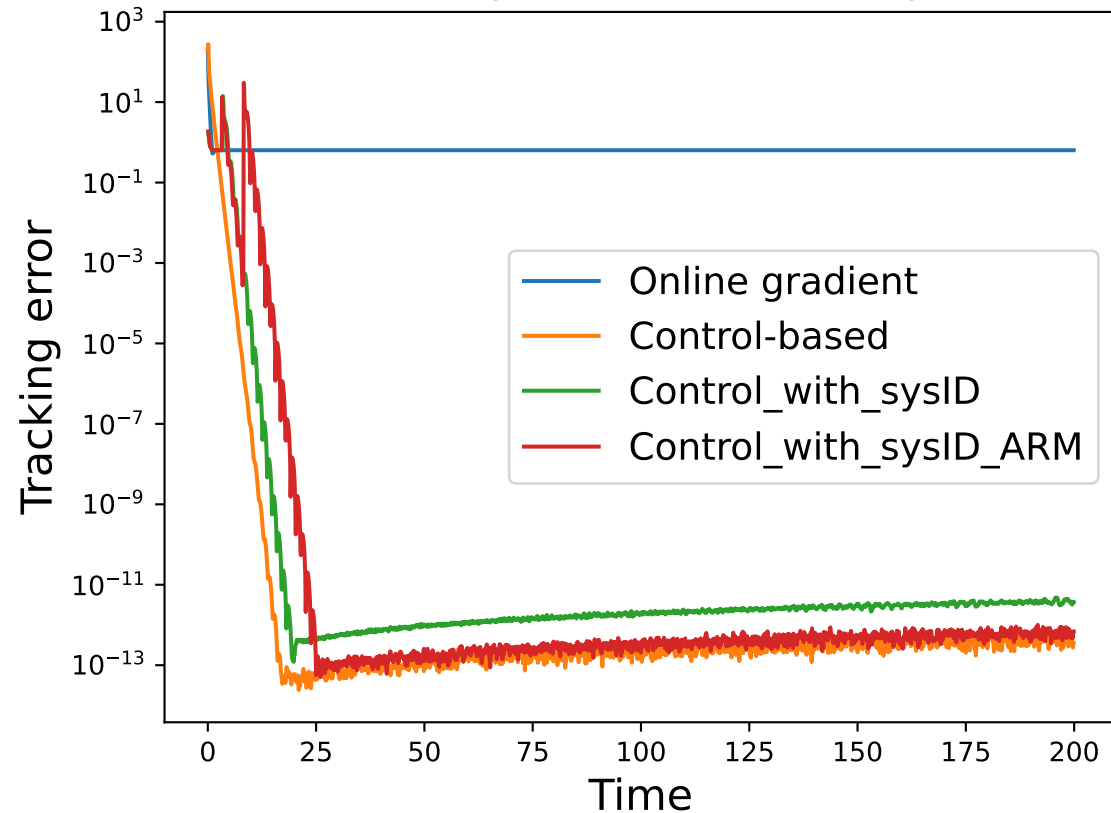


Online Optimization with $\mathbf{b}_k = \text{ramp}$



Asymptotic Tracking Errors:

Online Gradient Method: $6.363\text{e-}01$

Original Control Method: $6.940\text{e-}13$

RLS with known order: $4.831\text{e-}12$

ARM(∞): $1.006\text{e-}12$

RLS Known order: $\|\delta_1\|_\infty = 2.842\text{e-}14$

ARM(∞): $\|\delta_1\|_\infty = 2.584\text{e+}00$

Note: Internal Model and System ID model have different orders!