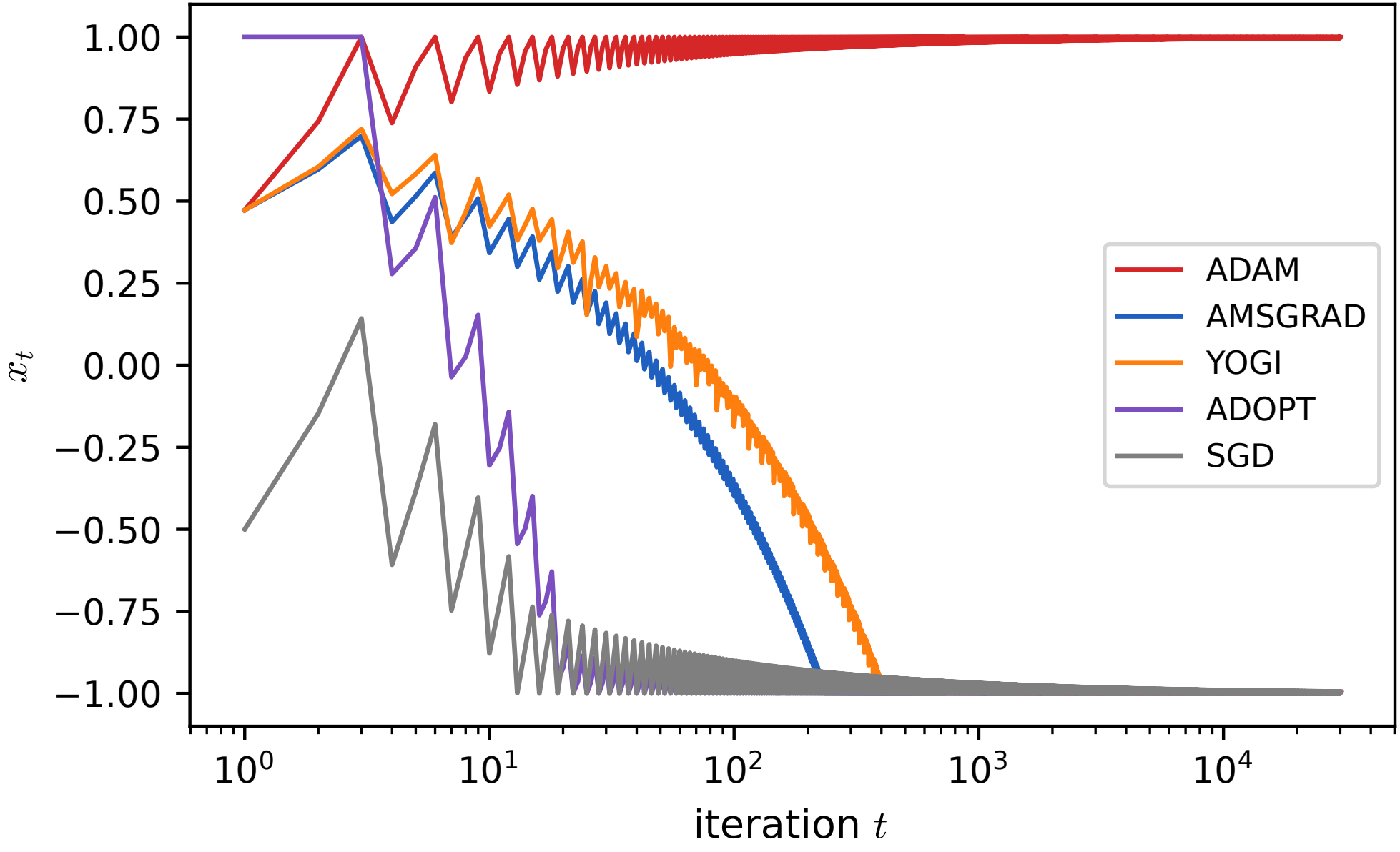

1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
x_t
10^0
10^1
10^2
10^3
10^4
iteration t
ADAM
AMSGRAD
YOGI
ADOPT
SGD