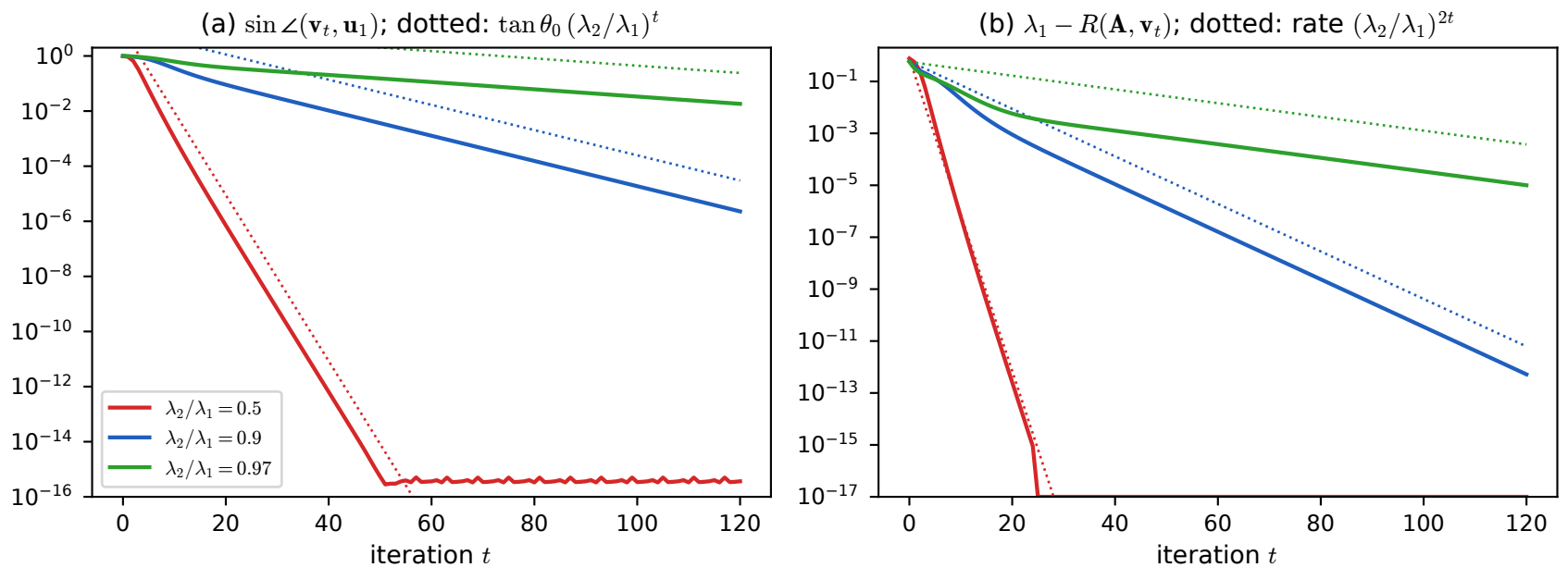

(a) $\sin\angle(\mathbf{v}_t, \mathbf{u}_1)$; dotted: $\tan\theta_0\,(\lambda_2/\lambda_1)^t$
10^{0}
10^{-2}
10^{-4}
10^{-6}
10^{-8}
10^{-10}
10^{-12}
10^{-14}
10^{-16}
$\lambda_2/\lambda_1 = 0.5$
$\lambda_2/\lambda_1 = 0.9$
$\lambda_2/\lambda_1 = 0.97$
0
20
40
60
80
100
120
iteration t
(b) $\lambda_1 - R(\mathbf{A}, \mathbf{v}_t)$; dotted: rate $(\lambda_2/\lambda_1)^{2t}$
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
0
20
40
60
80
100
120
iteration t