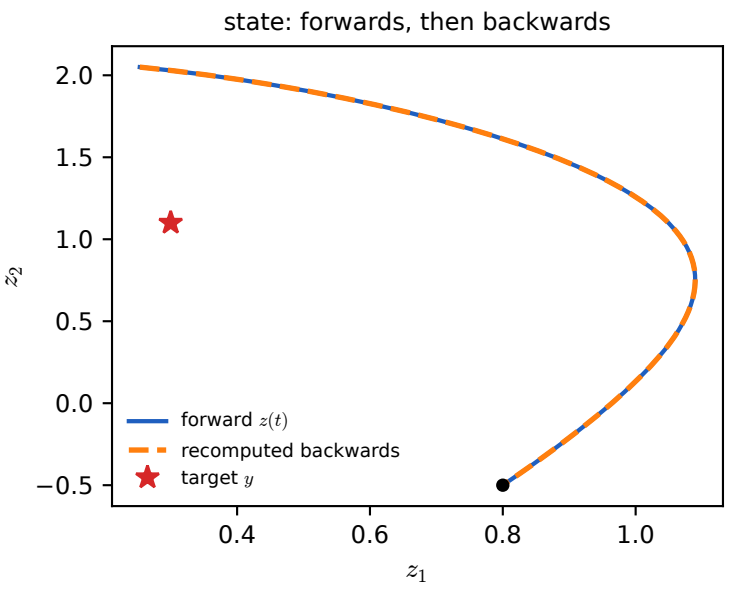
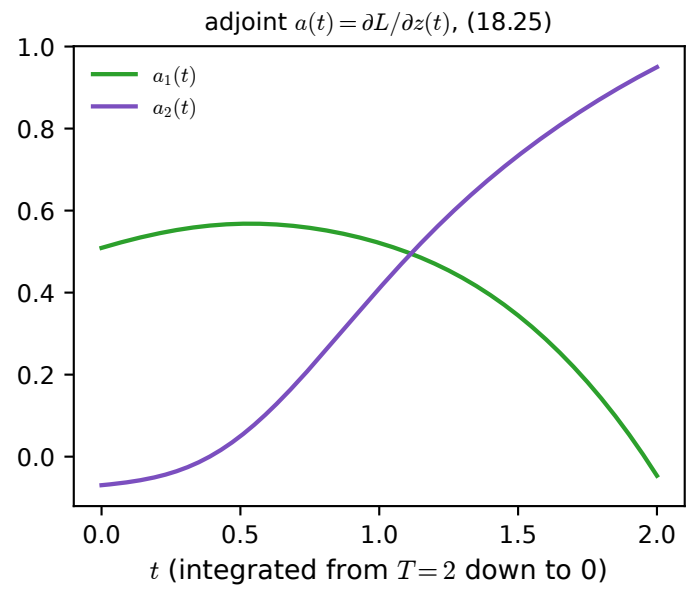
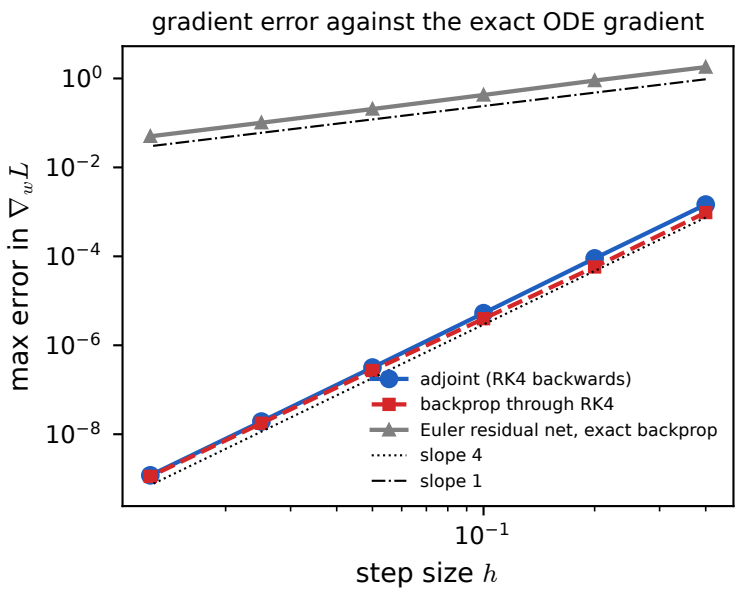

state: forwards, then backwards
forward $z(t)$
recomputed backwards
target y
z_1
z_2


adjoint $a(t) = \partial L / \partial z(t)$, (18.25)
$a_1(t)$
$a_2(t)$
t (integrated from $T = 2$ down to 0)


gradient error against the exact ODE gradient
max error in $\nabla_w L$
step size h
adjoint (RK4 backwards)
backprop through RK4
Euler residual net, exact backprop
slope 4
slope 1