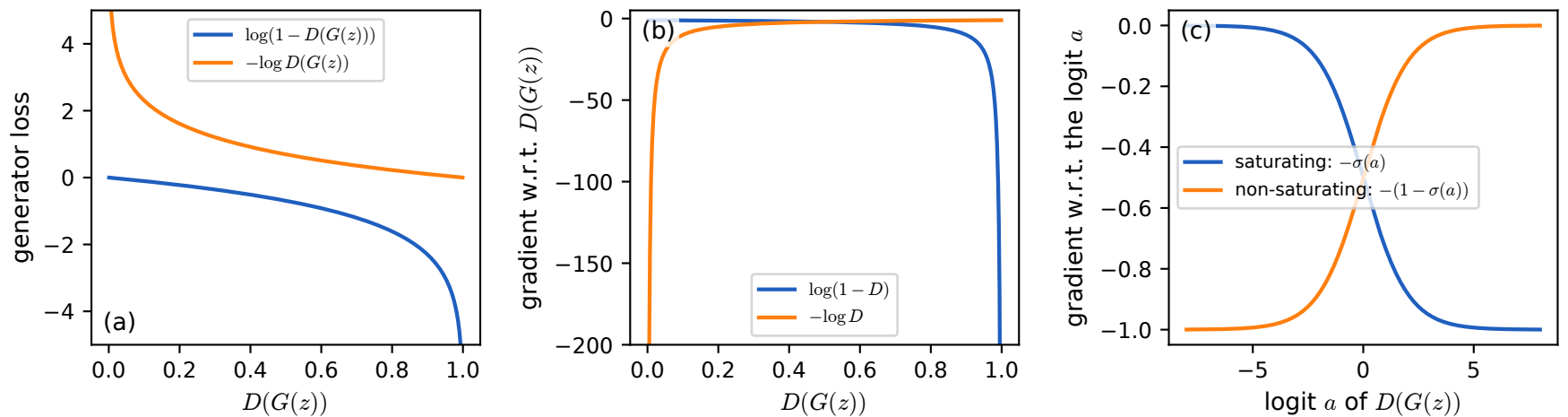

(a)
generator loss
$D(G(z))$
$\log(1 - D(G(z)))$
$-\log D(G(z))$
(b)
gradient w.r.t. $D(G(z))$
$D(G(z))$
$\log(1 - D)$
$-\log D$
(c)
gradient w.r.t. the logit a
logit a of $D(G(z))$
saturating: $-\sigma(a)$
non-saturating: $-(1 - \sigma(a))$