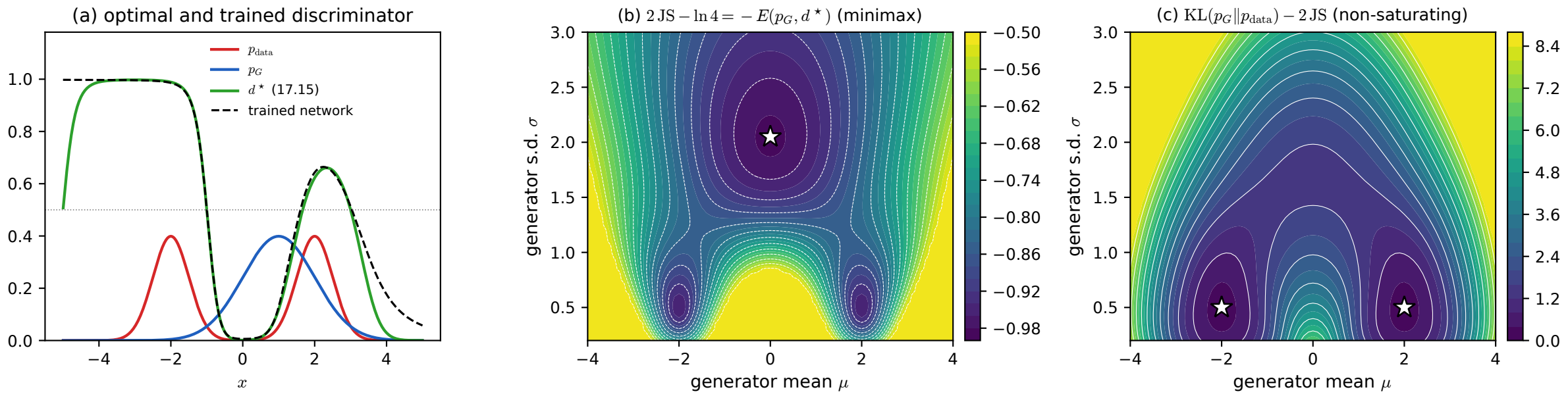

(a) optimal and trained discriminator
p_{data}
p_G
$d^\star$ (17.15)
trained network
1.0
0.8
0.6
0.4
0.2
0.0
−4
−2
0
2
4
x
(b) $2\,\text{JS} - \ln 4 = -E(p_G, d^\star)$ (minimax)
generator s.d. σ
3.0
2.5
2.0
1.5
1.0
0.5
−4
−2
0
2
4
generator mean μ
−0.50
−0.56
−0.62
−0.68
−0.74
−0.80
−0.86
−0.92
−0.98
(c) $\text{KL}(p_G \| p_{\text{data}}) - 2\,\text{JS}$ (non-saturating)
generator s.d. σ
3.0
2.5
2.0
1.5
1.0
0.5
−4
−2
0
2
4
generator mean μ
8.4
7.2
6.0
4.8
3.6
2.4
1.2
0.0