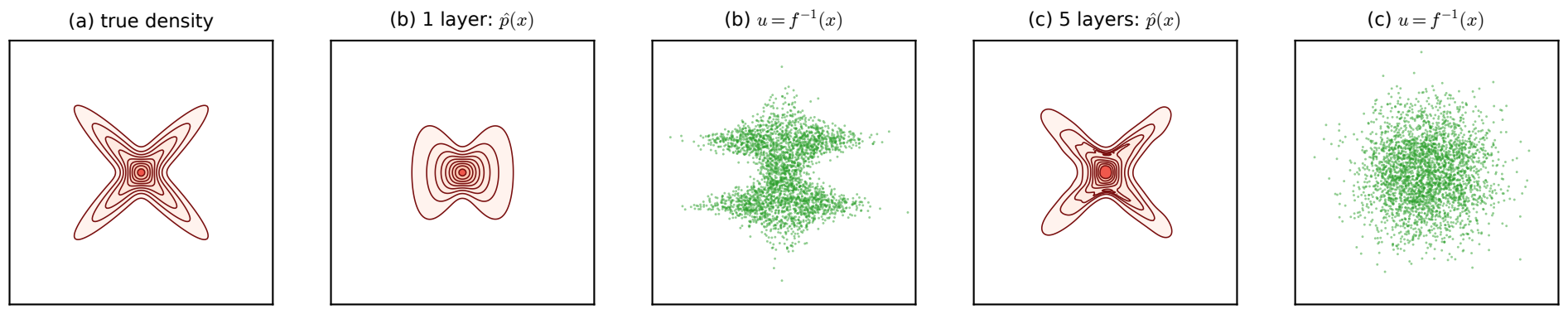

(a) true density
(b) 1 layer: $\hat{p}(x)$
(b) $u = f^{-1}(x)$
(c) 5 layers: $\hat{p}(x)$
(c) $u = f^{-1}(x)$