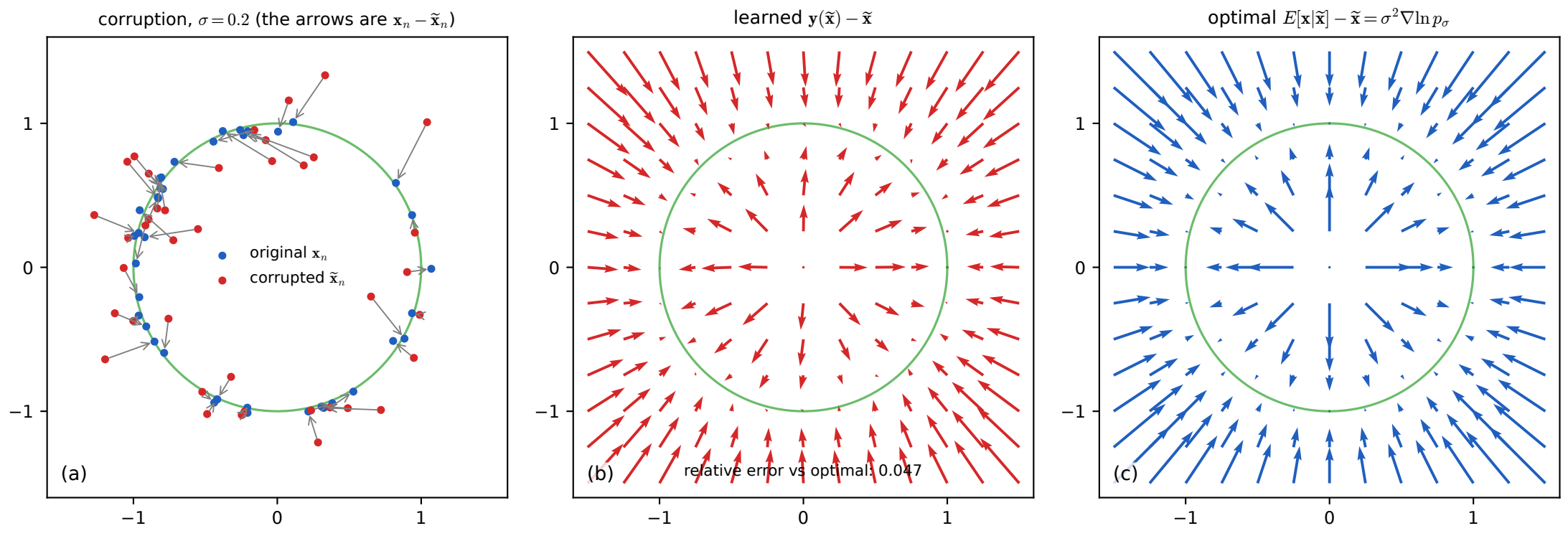

corruption, $\sigma = 0.2$ (the arrows are $\mathbf{x}_n - \tilde{\mathbf{x}}_n$)
original $\mathbf{x}_n$
corrupted $\tilde{\mathbf{x}}_n$
(a)
learned $\mathbf{y}(\tilde{\mathbf{x}}) - \tilde{\mathbf{x}}$
(b)
relative error vs optimal: 0.047
optimal $E[\mathbf{x}|\tilde{\mathbf{x}}] - \tilde{\mathbf{x}} = \sigma^2 \nabla \ln p_\sigma$
(c)
1
0
−1
−1
0
1