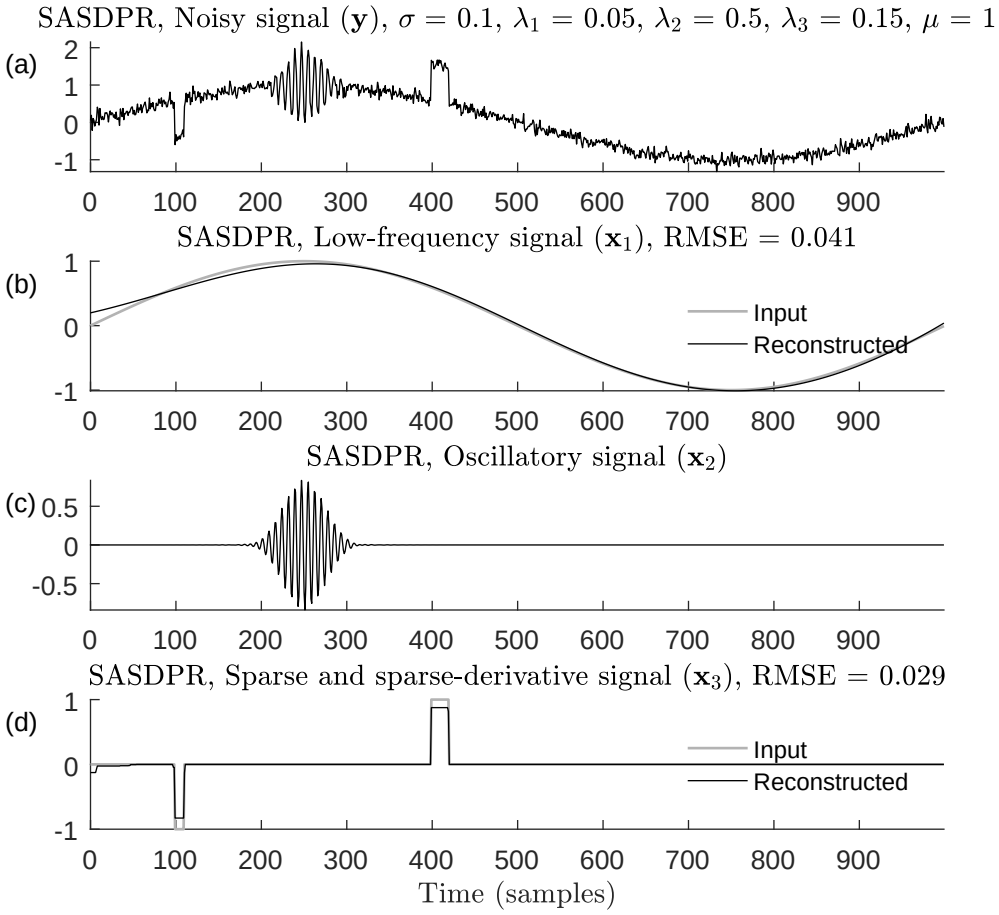
SASDPR, Noisy signal (y), σ = 0.1, λ1 = 0.05, λ2 = 0.5, λ3 = 0.15, μ = 1
(a)
2
1
0
-1
0 100 200 300 400 500 600 700 800 900
SASDPR, Low-frequency signal (x1), RMSE = 0.041
(b)
1
0
-1
Input
Reconstructed
0 100 200 300 400 500 600 700 800 900
SASDPR, Oscillatory signal (x2)
(c)
0.5
0
-0.5
0 100 200 300 400 500 600 700 800 900
SASDPR, Sparse and sparse-derivative signal (x3), RMSE = 0.029
(d)
1
0
-1
Input
Reconstructed
0 100 200 300 400 500 600 700 800 900
Time (samples)