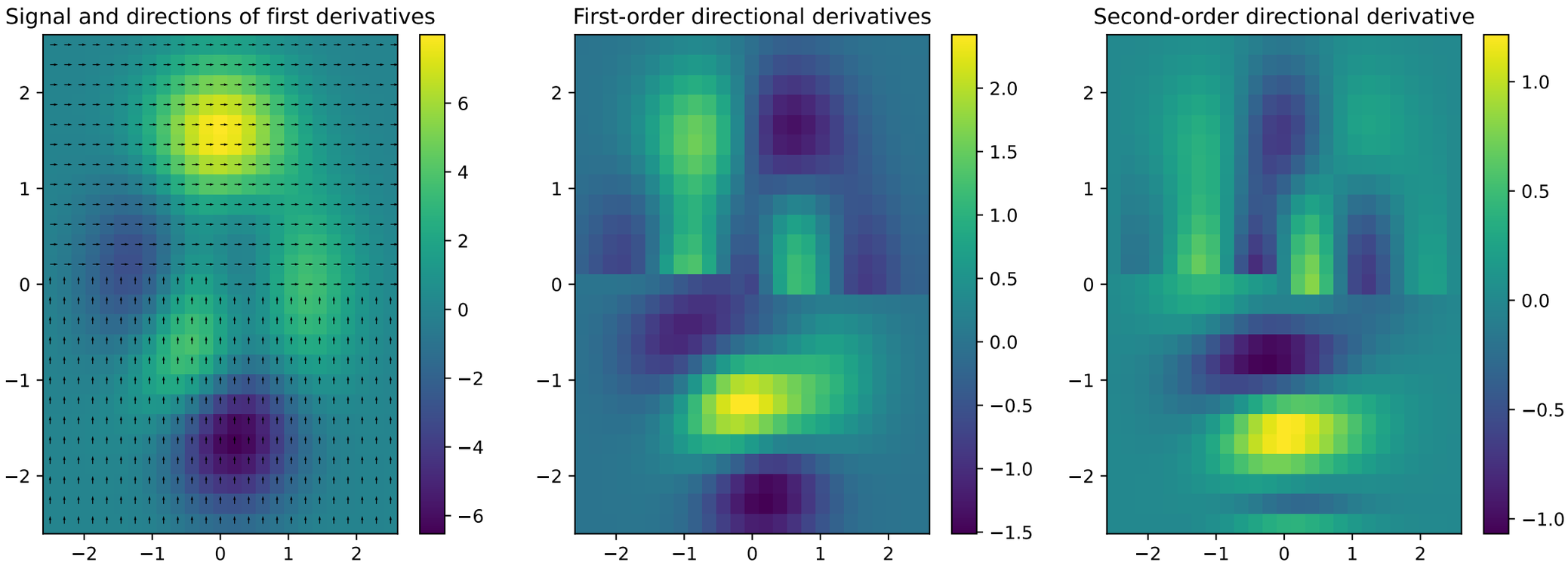
Signal and directions of first derivatives
First-order directional derivatives
Second-order directional derivative
2
1
0
−1
−2
6
4
2
0
−2
−4
−6
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
1.0
0.5
0.0
−0.5
−1.0