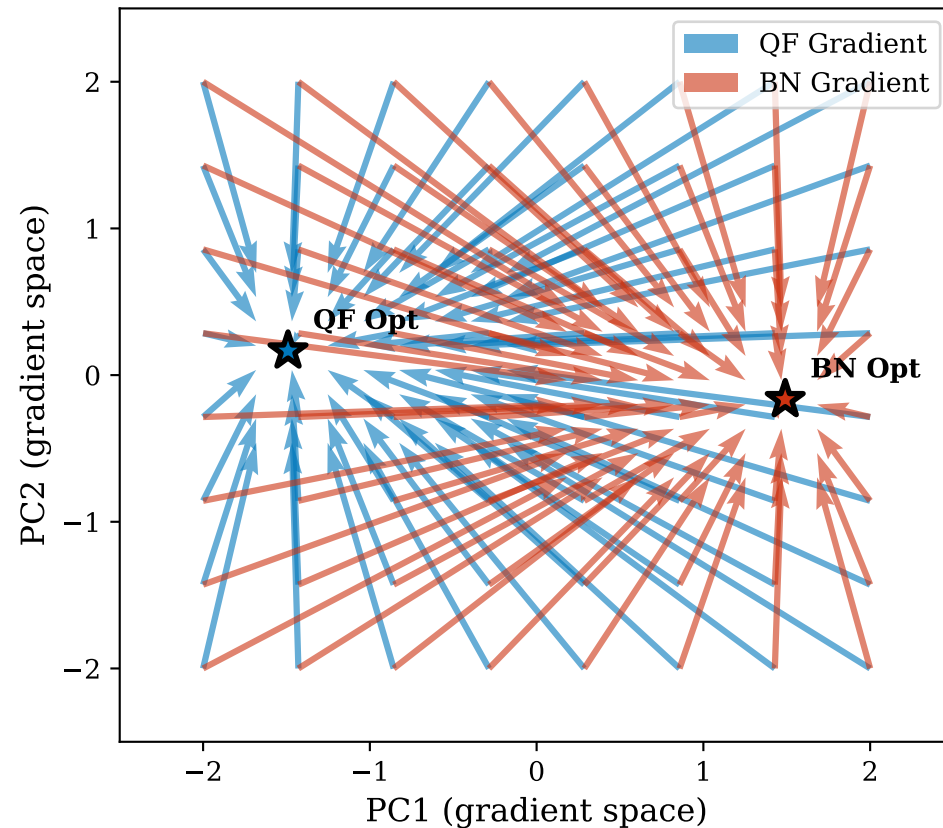
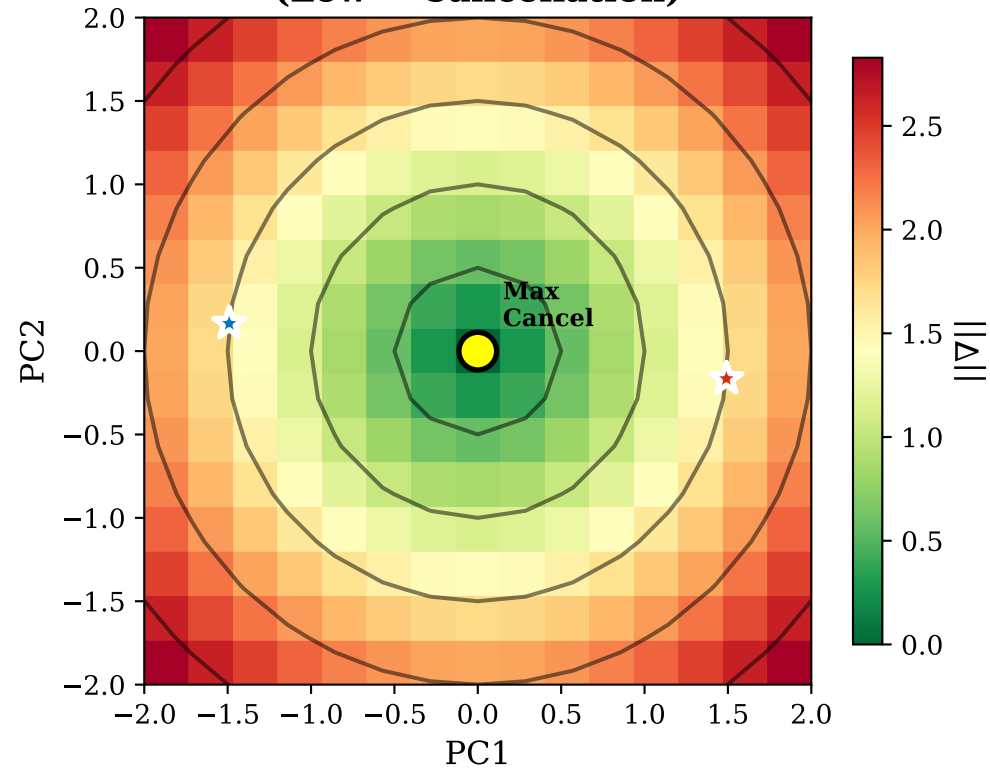


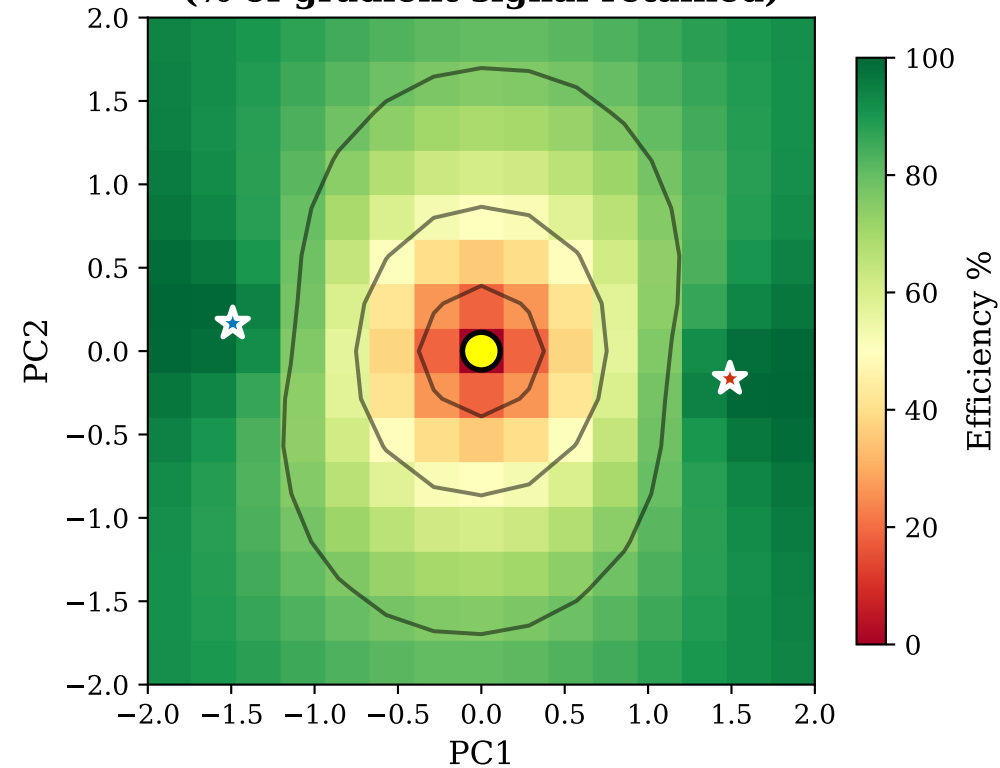
**(a) REAL Gradient Vector Fields  
(Your HETERO Architecture)**



**(b) Combined Gradient Magnitude  
(Low = Cancellation)**



**(c) Training Efficiency  
(% of gradient signal retained)**



**Architecture: HETERO (HeteroConv + SAGE) | Parameters: 28,897**