## **DOA Estimation Multisine Delay-and-sum** Time Freq. 0.5 0 -90 -30 0 30 60 150 -180 -150 -120 -60 90 120 180 **MUSIC** mean(f) weighted sum 0.5 Normalized amplitude 0 -90 -60 -150 -120 -30 120 150 -180 0 30 60 90 180 **Bartlett** mean(f) weighted sum 0.5 -180 -60 -30 -120 60 150 -90 -150 0 30 90 120 180 **MVDR** (Capon) mean(f) weighted sum 0.5 0 -90 60 -180 -150 -120 -60 -30 0 30 90 120 150 180 **MCCC** 0.5 0 -30 30 -150 -120 -90 -60 0 60 90 120 150 180 -180 Direction of Arrival