



Figure 2. Temporal correlation between the virtual elliptical trajectory and pursuit for all 4 observers. Note that the graphs are inherently periodic and wrap-around along both axes. In all panels, the open circles represent the best-fitting horizontal and vertical phase of the smooth portion of the eye movement. The solid circles represent perfect tracking of the diamond with the four colors (black, red, green, and blue) representing the four possible phase configurations. For each configuration, there are two segment phase configurations, one corresponding to each segment pair, shown as two purple squares adjoining each solid circle. There were 60 trials for each observer except BB for whom there were 120. Every trial for each observer is shown in A-D for the high-coherence and in E-F for the low-coherence condition.