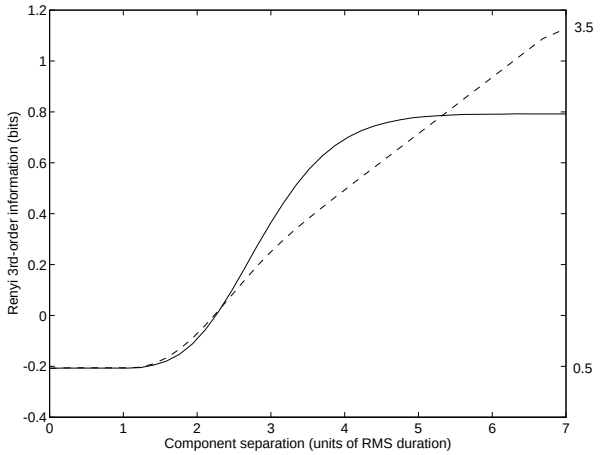


Fig. 1: $R_3(W_s)$ information of WD and TBP (dashed) vs. component separation.

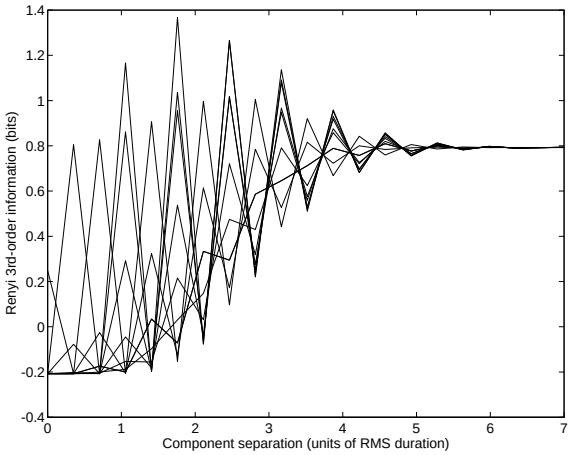
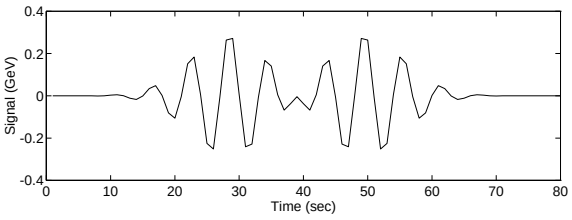
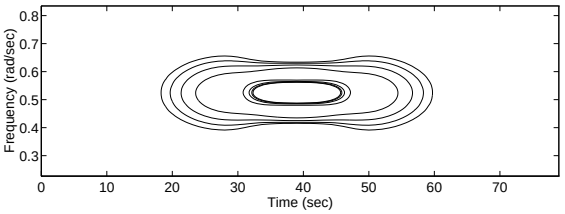


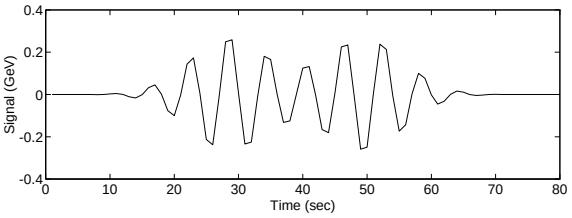
Fig. 2: $R_3(W_s)$ information of WD vs. component separation, various relative phases.



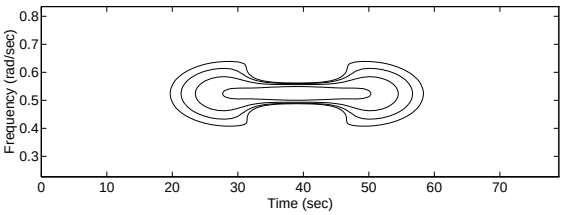
(a)



(b)



(c)



(d)

Fig. 3: (a) Two modulated Gaussian pulses with relative phase $\psi = 0$. (b) WD of signal in (a), $R_3(W_s) = 1.31$. (c) Same pulses with relative phase $\psi = \frac{\pi}{2}$ rad. (d) WD of signal in (c), $R_3(W_s) = 0.31$.

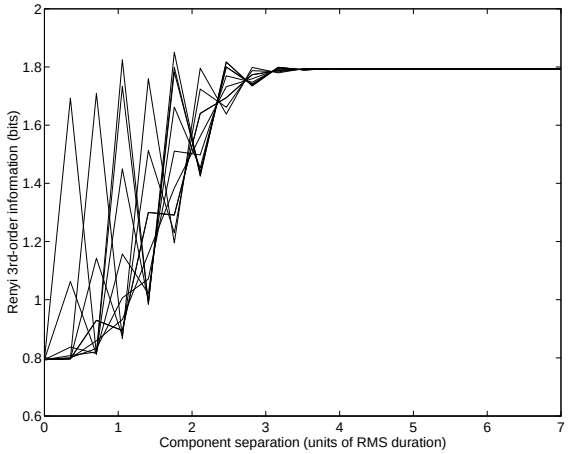


Fig. 4: $R_3(C_s)$ information of matched window spectrogram vs. component separation, various relative phases.

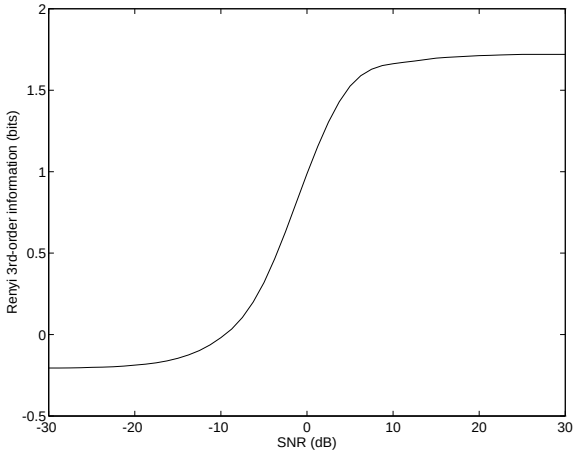


Fig. 5: $R_3(W_s)$ information of WD vs. SNR for signal + noise.