Ss-001 Room: C311 Time: June 6 10:45-11:03

Application of Independent Component Analysis to Seismic Waves-Blind Source Deconvolution-

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We suppose that seismic waves are some mixed signals of independent components, and we applied the independent component analysis to seismic waves. We treat the method of Blind Source Deconvolution for seismic waves. The point of this method is that the problems of Blind Source Deconvolution in time domain are equivalent to the ones of Blind Source Separation in frequency domain. We will show some independent signals of seismic waves by using of observed seismic signals.