

Index Legend
m - channel
n - component
r - trial

Recorded Signal
in the m^{th} channel
during the r^{th} trial

Stereotypic waveform
of the n^{th} component



Coupling between
the n^{th} source and
the m^{th} channel

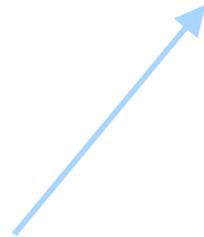
Latency of the n^{th} component
during the r^{th} trial

$$\langle \tau_n \rangle = 0$$

Amplitude of the n^{th}
component during the r^{th} trial

$$\langle a_n \rangle = 1$$

Unpredictable Signal Component
in the m^{th} channel
during the r^{th} trial
(Ongoing Activity plus Noise)



To estimate these model parameters from the data a *Maximum A Posteriori* (MAP) algorithm is derived, which allows a solution to the entire set of model parameters to be found iteratively using a fixed point algorithm.