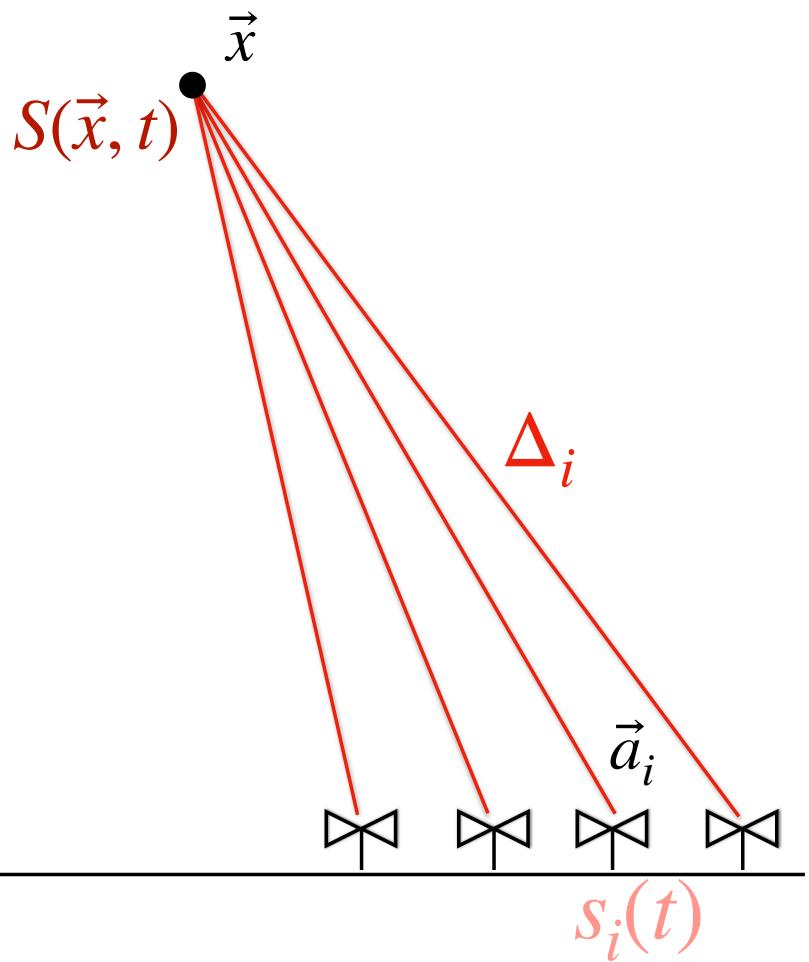
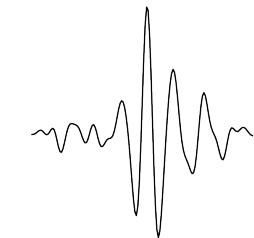


Concept



Measure signal $s_i(t)$ at location a_i



Calculate light travel time from antenna \vec{a}_i to a location in space \vec{x}

$$\Delta_i(\vec{x}) = \frac{|\vec{x} - \vec{a}_i| n_{eff}}{c}$$

Sum the waveforms from all antennas together with delays $\Delta_i(\vec{x})$ at \vec{x} :

$$S(\vec{x}, t) = \sum_i^N s_i(t + \Delta_i(\vec{x}))$$