



A MOVING WINDOW ALGORITHM FOR L-INFINITY NORM BASED BLIND SOURCE SEPARATION APPROACH (ThuAmOR9)

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* **Abstract :** An L_{∞} norm based Source Separation Method has recently been introduced, with the corresponding subgradient based algorithm that has a simple update rule. In this article, we propose a moving window modification to this algorithm, where instead of a long fixed window, a shorter length moving window is used. The simulation results for different blind source separation setups suggest that a significant level of complexity reduction can be achieved via use of the proposed approach.