عنوان مقاله:

Improve Incremental Kernel LMS Alghoithm In Adaptive Networks By Using ERBF Kernel

محل انتشار:

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خلاصه مقاله:

recently, the kernel method used to adaptive networks for distributed estimation problem. in this way data using by kernel trick mapped to feature space withhigher dimensional, this work lead to easier classification and we can used linear methods to solve related problems. type of kernel is important parameter in kernel method. in this paper we study the Gaussian kernel performance in Incremental Kernel LMS (IKLMS) algorithm then weshown if used Exponential Radial Basis Functional (ERBF) kernel, we see improving of the Significant performance IKLMS algorithm in reduction Mean Square Error (MSE) than Gaussian kernel mode and we used simulation results to evaluation considered different methods

کلمات کلیدی:

kernel method; Incremental Kernel LMS;gassian kernal; ERBF kernel

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