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| [ICIMCS2014](http://icimcs2014.xmu.edu.cn/welcome/callforpapers/3) **International Conference on Internet Multimedia Computing and Service** July 10-12,2014, Xiamen, China |
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|  | **Reviews For Paper**   |  |  | | --- | --- | | **Track** | Main Conference | | **Paper ID** | 79 | | **Title** | Learning Hash Functions Using Sparse Reconstruction |  |  |  | | --- | --- | | **Masked Reviewer ID:** | Assigned\_Reviewer\_1 | | **Review:** |  |  |  |  | | --- | --- | | **Question** |  | | Overall Rating | Accept | | Detailed Comments | This paper proposes an interest hash function using the sparse representation. The paper is well written except several minor concerns: 1) The first sentence under Fig.1, “Ding and Zhou…”, it seems that a reference is missed. Please provide it in the camera ready version. 2) In Equation (6), and its corresponding explanations, S=[s1,s2,…,SN]. Then what is sij?. Please double check the Equation (6) and make it clear.  My recommendation is accept. | | Recommended Type | Oral Paper |  |  |  | | --- | --- | | **Masked Reviewer ID:** | Assigned\_Reviewer\_2 | | **Review:** |  |  |  |  | | --- | --- | | **Question** |  | | Overall Rating | Strong Accept | | Detailed Comments | This paper presents sparse reconstruction method for hashing function learning. Comparing with traditional hashing methods, the proposed method obtains better performance.  The presentation is detailed and clear. The algorithm is correct. The experiments are extensive and the results are convictively reported. | | Recommended Type | Oral Paper |  |  |  | | --- | --- | | **Masked Reviewer ID:** | Assigned\_Reviewer\_3 | | **Review:** |  |  |  |  | | --- | --- | | **Question** |  | | Overall Rating | Strong Accept | | Detailed Comments | This paper proposes a learning hash function based on sparse reconstruction, which can handle the sparse relationship of the data. The technique of the paper sounds solid, and the comparison results with some methods on two benchmark datasets are shown. Several problems suggested to be further explained are list as follows: 1. Have the proposed method evaluated on a large scale dataset? If so, is it still efficient? 2. When the data length increases, can the proposed method keep the advantage? | | Recommended Type | Oral Paper | |  |