

---

Subject: Re: looking for NMF code (non-negative matrix factorization)

Posted by [Anne Martel](#) on Mon, 29 Jun 2009 13:07:56 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

The paper by

P. O. Hoyer. Non-negative Matrix Factorization with sparseness constraints. Journal of Machine Learning Research 5:1457-1469, 2004.

has a pointer to MATLAB code for both his proposed method and for the routine nmf method. This is relatively straightforward to convert to IDL. My version is still untested so I'm not going post it here. Also the algorithm is simple and fairly short and if you want to use NMF for research it would be a good idea to learn to code it up for yourself - there are many different ways of updating the matrices and you might want to compare some.

anne

On Jun 28, 4:38 am, erano <eran.o...@gmail.com> wrote:

> Anyone can help?

>

> Eran

---