
Subject: Re: correlation between images

Posted by [Wout De Nolf](#) on Wed, 08 Apr 2009 08:04:06 GMT

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On Mon, 6 Apr 2009 10:12:07 -0700 (PDT), Mike
<Michael.Miller5@gmail.com> wrote:

> That reminded me that the open source program gqview includes a tool
> for finding duplicate images based on a similarity measure. Maybe the
> code would shed some light...

The code can be found in "similar.c"

It seems that both images are subdivided in 32x32 subimages. For each subimage the average value is calculated. Then the (normalized) sum of differences between the two resulting 32x32 arrays is taken as similarity measure.

So this is similar to the RMS approach.

As for the SPMs: it seems I'll have to invest a lot of time to understand and implement this. You seem to have doubts about its use in my case. Do you think it's worth the effort?
