Subject: Re: Image error calculation
Posted by Suguru Amakubo on Thu, 01 Apr 2010 03:07:36 GMT

Sorry about that, what I will consider to be a better quality image is that the details of the structures (DNA) could be identified better.

So in a nutshell if I see the new image and see more details that was previously unidentifiable (due to partial bluring) that I consider to be a better image. A 'sharper' image will probably best describe it. However the problem lies in quantifying it. (Since saying this image looks better just won't do. It needs to be: e.g. x % better than the original image).

As for the how I made the image, I basically used one image as a 'base' and the took 22 different images of the same DNA that was taken immediately after each other and then split the new image into smaller subset images and mathematically found a point that is considered to be similar and placed it on top of it (then divided to get the end image).

My aim therefore is to compare the base image with the new image and determine quantitatively by what degree the image has improved.

Sorry about the lack of explanation. Please tell me if the above needs explaining further.

Suguru