
Subject: Re: ENVI band math: "b1 gt b2 " , "(b1-b2) gt 0" same or not?

Posted by [rmoss4](#) on Fri, 11 Apr 2003 02:19:16 GMT

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It sounds like you might be having a problem because of byte arithmetic.

What is the data type of you imagery?

Robert Moss, PhD

xinhai68 wrote:

> I have a strange problem. I often used band math to generate mask,
> such as "b1 gt 0" will give me 1 to all points which satisfies the
> condition. But now I want to find all points that $b1 > b2$, I meet
> unexpected result. If I use "b1 gt b2", I get the correct answer. If I
> use "(b1 - b2) gt 0", ENVI will also return a result, but I can not
> guess what ENVI is doing because the result is weird. Can anyone tell
> me what happened? Thanks
