
Subject: RPC00B File Format

Posted by [Mort Canty](#) on Mon, 16 Aug 2004 18:06:06 GMT

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Hi all,

Probably not a good place to ask this, but I'm lost. Is anyone familiar with RPC00B files, which give rational polynomial coefficient approximations to camera models (in this case for satellite imagery) relating 2D image to 3D object space. I have the coefficients from my image provider in RPC00B format, but I don't know the order of the (in this case cubic) polynomial terms in X, Y, Z (longitude, latitude, elevation) which corresponds to the coefficient vectors. Is it

$a_0 + a_1 \cdot X + a_2 \cdot Y + a_3 \cdot Z + a_4 \cdot X \cdot Y + \dots + a_{19} \cdot Z \cdot Z \cdot Z$

or some other of many conceivable permutations?

Thanks

Mort Canty
