
Subject: Spectral unmixing and la_least_square_equality

Posted by [fleduc](#) on Wed, 01 Dec 2004 21:35:29 GMT

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

Hello,

Considering three unknowns (a,b,c) and having 7 equations, one solution for a,b,c can be obtained by using the la_least_square_equality function.

Two conditions have to be considered:

1) $a + b + c = 1$

2) $(0 \leq a \leq 1), (0 \leq b \leq 1), (0 \leq c \leq 1)$

where ge stands for "greater or equal" and le stands for "lower or equal"

The la_least_square_equality function allows to represent the first constraint.

But how to represent the second one ?

Thank you,

Francois.
