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Subject: combinatory analysis with restrictions

Posted by [fleduc](#) on Wed, 08 Dec 2004 13:55:16 GMT

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Hello,

Considering 3 variables (a,b,c) that can take 11 discrete values between 0 and 1: [0, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0]

Is there a fast algorithm that can extract all possible combinations with the restriction that the sum of the three variables is one ?

Such as:

(a=0, b=0.7, c=0.3) and (a=0.2, b=0.5, c=0.3) are good

and

(a=0.6, b=0.7, c=0.2) is not good...

Thank you,

Franiçois.

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