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Subject: Re: combinatory analysis with restrictions  
Posted by [Y.T.](#) on Thu, 09 Dec 2004 05:29:39 GMT  
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If I had to do it once, I'd brute-force it:

```
IDL> for a=0.,1.,.1 do for b=0.,1.,.1 do for c=0.,1.,.1 do $  
IDL>   if a+b+c eq 1. then print,a,b,c
```

or some such.

If I had to do this many times, I'd consider pre-filling an array vaguely like this

```
IDL> r=intarr(11,11,11)  
IDL> for i=0,10 do for j=0,10 do for k=0,10 do $  
IDL>   if i+j+k eq 10 then r[i,j,k]=1
```

and then later simply looking up `r[a*10,b*10,c*10]` ...  
cordially

Y.T.

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Remove YourClothes before you email me.

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