

Duzhin's Comment of June 13

July-07-11
2:18 PM

BTW, I found that any antisymmetric function of x,y,z which is identically zero outside the plane $x+y+z=0$, satisfies the Klein relation and thus gives rise to a weight system. It is easy to find undecomposables among them, e.g.

$$E_{\{1,2,-3\}} + E_{\{1,3,-4\}} + E_{\{2,3,-5\}}$$

where each $E_{\{a,b,c\}}$ stands for a function which is 1 on (a,b,c) , -1 on the permutations and 0 elsewhere.

Comment - on Jan 2, 2012 Duzhin emailed me that the above is wrong.