**Plan**

Cartesian definion of a general plan :

At least one value of must be different from 0, equivalent to mean than the normal vector to surface cannot be null.

A normal vector to the surface is :

To find the following parametric definition:

We need to find and as:

Find orthogonal vector to :

* <https://math.stackexchange.com/questions/137362/how-to-find-perpendicular-vector-to-another-vector>

If

Else:

We define and as

We can normalize both vectors:

Finally the shift is