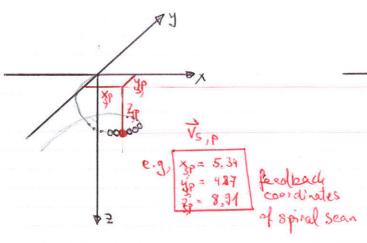


Spiral scan



· h colour channels · 3 position channels

feedbach ref stack Vv Voxel with best makeling position feedback coordinates has the Voxel coordinates 5/4/7

n colour chomnels

3 position channels 1 segmentation channel

Algorithm

I. For a repetition of the 3D spiral walk twompy the voxels. For each voxel!

1. Lock up the position feedback coordinates Vs,p=(xp,yp,2p)

use good search 7. With $V_{S,P}$, go into the position channels of the ref. stack and find the yoxel with the best match $(V_{r,p} = (X_{r,p}, Y_{r,r}, Z_{r,p}))$

This automatically gives you the corresponding voxel coordinates it.

3. With Vr go into the segmentation stack and lock up the corresponding object o(v.).

Assign the fluorescence intensity value of the functional channel of the Spiralscan to the object O(VV).

II. Once your done with all voxels, calculate the average www.noser.com of the intercity values of an object for still all objects.