
Subject: Re: FairTrackParP constructor

Posted by [Stefano Spataro](#) on Wed, 05 Mar 2014 15:06:17 GMT

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The parabolic track representation gives the parameters defined in a detector plane. In this sense, $\mathbf{o}$ is the position of a point in the detector plane, i.e. the coordinates of the hits, while d_j and d_k will be the two versors. I.e., if you want to have a plane perpendicular to axis z , you will have $(1,0,0)$ and $(0,1,0)$.
