Subject: Re: Helix and FairTrackParH Posted by Gianluigi Boca on Thu, 23 Jul 2009 11:44:11 GMT View Forum Message <> Reply to Message

hi Stefano,

I don't know if this answers your question.

Find the momenta at any given point of the trajectory is rather trivial when one knows the initial momentum and the radius and conter of the helix.

It is just enough to remember that for Panda $Px^{*2} + Py^{*2}$ is constant and that the momentum in the XY plane is always perpendicular to the radius of the helix.

Does this answer your question?

Tschus und aufwiedersehen !

Gianluigi