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Subject: Re: Updated version of CbmGeanePro  
Posted by [Lia Lavezzi](#) on Thu, 05 Jun 2008 08:10:59 GMT  
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Hi Sebastian,  
the x-axis joins the hit to the pca, actually it goes from the hit to the pca.

I changed this because I saw that in the `Propagate(CbmTrackParP *TStart, CbmTrackParP *TEnd, Int_t PDG)` you added the "support for poca with points", i.e.:

```
if(fPCA==1){// point
  TVector3 mom(TStart->GetPx(),TStart->GetPy(),TStart->GetPz());
  wiredirection=mom.Cross(fromwiretoextr);
}
```

so I thought you wanted to make your plane perpendicular to the track direction, is this correct?

Previously the vwi was set to (0,0,0) in the case of `pca = 1` and so the fromwiretoextr axis (x-axis of the plane) was from (0,0,0) to the pca...

I hope this is ok...

Ciao,  
Lia.

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