

---

Subject: Re: Dirc+TOF

Posted by [Stefano Spataro](#) on Wed, 06 Aug 2008 16:45:24 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Exactly  $z_0$  corresponds to the point  $(x_0, y_0, z_0)$ , where:

$$x_0 = d_0 \cos(\phi_0)$$

$$y_0 = d_0 \sin(\phi_0).$$

$\phi_0$  = phi of the circle centre

$d_0$  = charge \*  $\text{Sqrt}(x_c^2 + y_c^2)$  - radius

( $x_c, y_c$  is the centre of the circle)

I still do not see how this means that the particle is coming from 0,0,0. I don't know if this is correct, but this is the definition in the original Oleg's code.