Dear all,
I was wondering if there's an easy way of retrieving the orientation of a crystal (say, theta and phi) in the pandaroot framework? Using PndEmcHit class, I can get the position and orientation of the center of the crystal.
In order to get the orientation of the crystal itself, I can use the position ( $\mathrm{x} 0, \mathrm{y} 0, \mathrm{z0}$ ) of the center of the crystal as well as the position of the center of the, say, front face of the crystal ( $x 1, y 1, z 1$ ) to obtain the direction of the vector ( $\mathrm{x} 1-\mathrm{x} 0, \mathrm{y} 1-\mathrm{y} 0, \mathrm{z1}-\mathrm{z} 0$ ). But then I would need to somehow get the position of the center of the front face of the crystal. And this I don't know how to do! It would be nice if somebody could help me on this matter.
cheers,
Hossein

