
Subject: Re: Constant magnetic field instead Solenoid Field maps
Posted by [Anastasia Karavdina](#) on Tue, 02 Jul 2013 09:43:17 GMT
[View Forum Message](#) <> [Reply to Message](#)

Well, I was wrong about GetBxyz method implementation in case field maps classes, actually it is implemented there.

For PndConstField I propose following implementation of this method (which is basicly merge of GetBx(), GetBy(),GetBz()):

```
void PndConstField::GetBxyz(const Double_t point[3], Double_t* bField){
    if ( point [0] < fXmin || point [0] > fXmax ||
        point [1] < fYmin || point [1] > fYmax ||
        point [2] < fZmin || point [2] > fZmax ) {
        bField[0]=0;  bField[1]=0;  bField[2]=0;
    }
    else{
        bField[0]=fBx;  bField[1]=fBy;  bField[2]=fBz;
    }
}
```

Can it be insert in svn version of code, please? Stefano, I can send changed source and header files if they needed.

Cheers,
Anastasia
