

The Earth magnetic field (Fig.1):  $B_E$  – total magnetic flux density,  $B_{Ex}$  – x component of the Earth magnetic flux density,  $B_{Ey} = 0$  y component of the Earth magnetic flux density,  $B_{Ez}$  – z component of the Earth magnetic flux density,  $I$  – inclination of the Earth magnetic field.

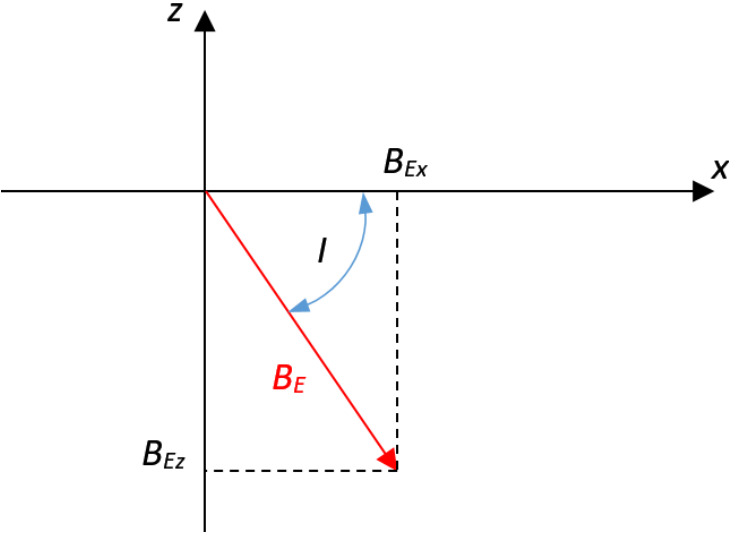


Fig.1 A symmetrical prolate ellipsoid