

Position Vector

[@wikipedia](#)

[Measuring](#) the location of an object in [3D space](#) using the vector in respect to some coordinate system $(\mathbf{e}_x, \mathbf{e}_y, \mathbf{e}_z)$:

(1)
$$\mathbf{r} = (x, y, z) = x \cdot \mathbf{e}_x + y \cdot \mathbf{e}_y + z \cdot \mathbf{e}_z$$

See also

[Natural Science](#) / [Physics](#) / [Measuring](#)

[[Elevation](#)] [[Northing](#)] [[Easting](#)]

[[Subsurface Positioning](#)]