748281-13.2-34E AID: 181155 | 27/12/2020

General equation of a sphere centred at point  and radius is given by



So, given surface  can be written as

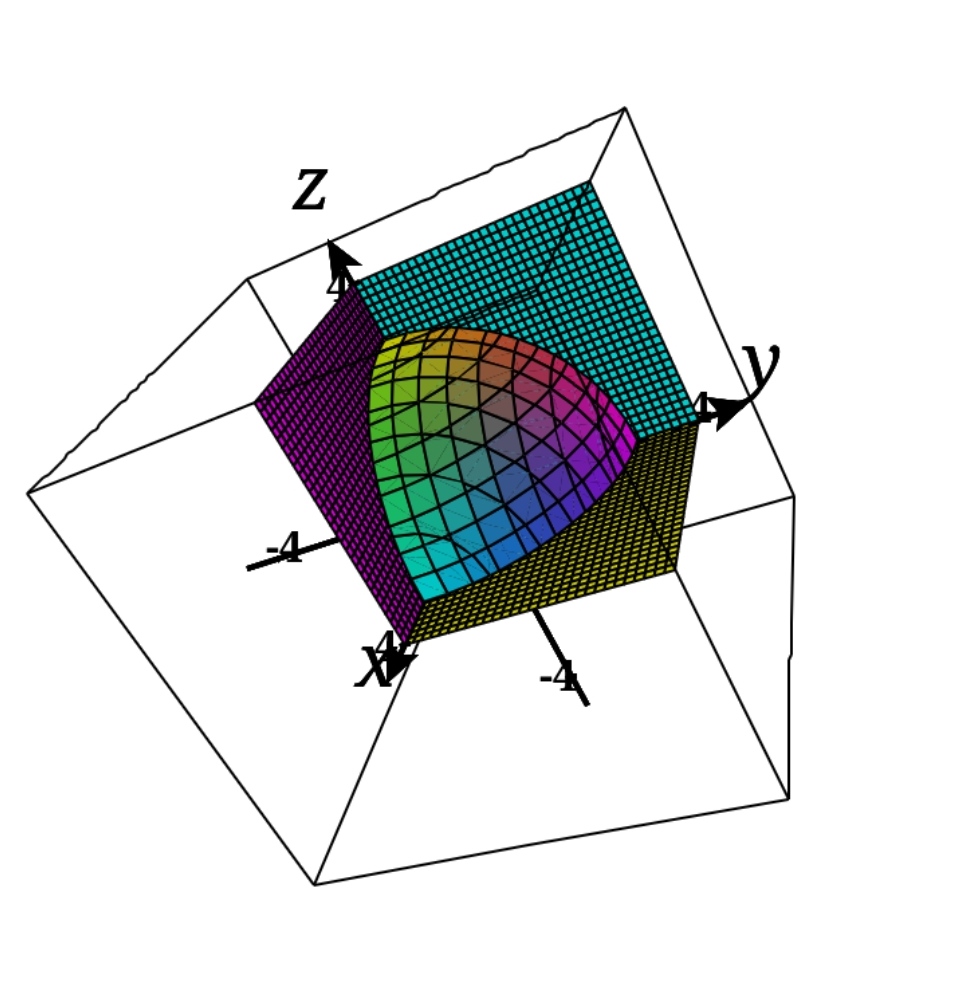


This is a sphere centred at origin and radius 3.

Now, the inequality  denotes the first octant in 3D.

**The surface given by the equation with is**

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