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\mathbf{e} , we get that \mathbf{q} is a normal vector to the plane, which is then defined as the set of all points \mathbf{x} satisfying $(\mathbf{x} - \mathbf{c}) \cdot \mathbf{q} = 0$. $\int \frac{1}{x} dx = \ln|x| + C$ - John Hughes 21 hours ago

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This is called the scalar equation of plane. Often this will be written as, $ax + by + cz = d$ where $d = ax_0 + by_0 + cz_0$. This second form is often how we are given equations of planes.

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