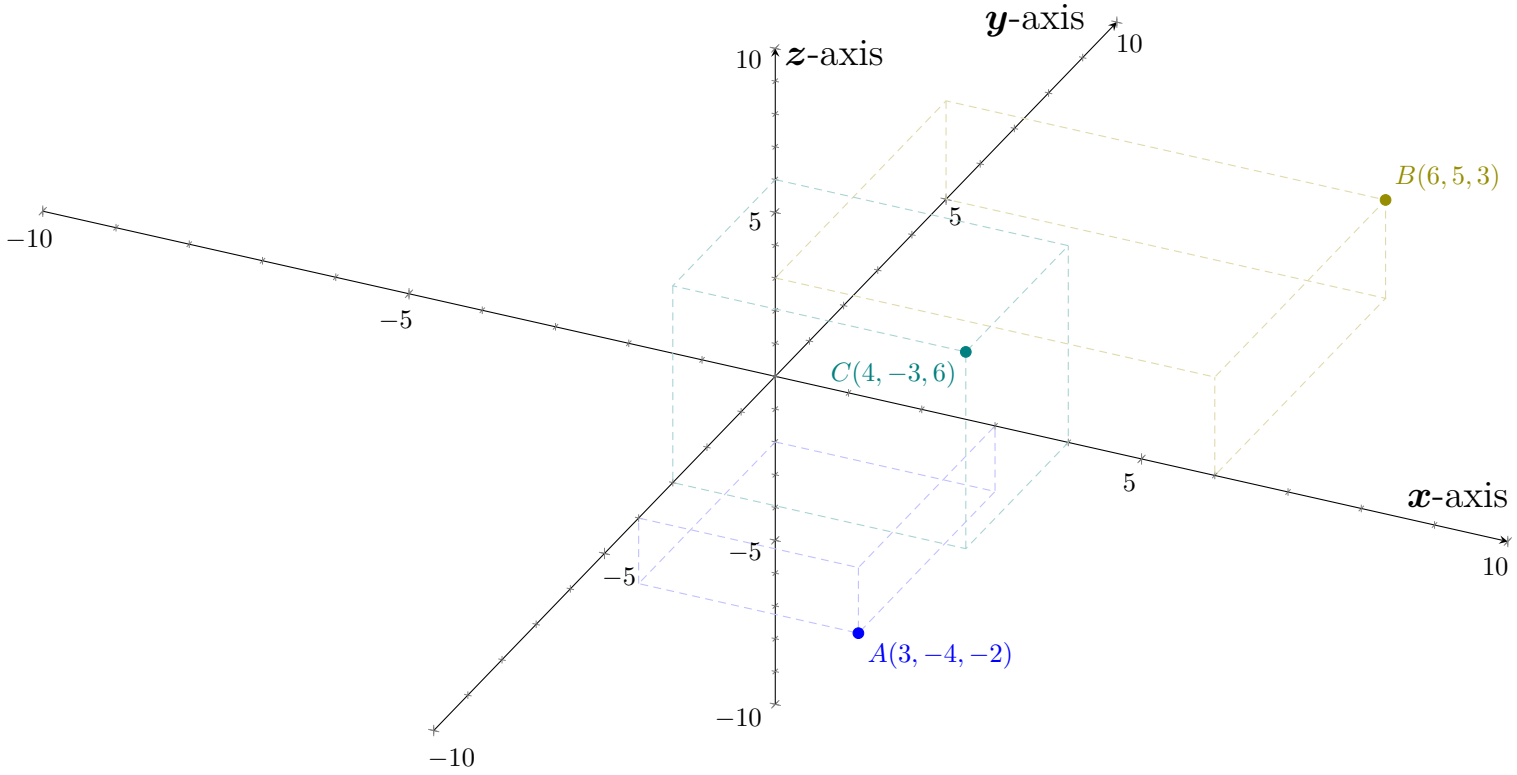

Figure 1: Plot of the Points $A(3, -4, -2)$, $B(6.5.3)$, and $C(4, -3, 6)$

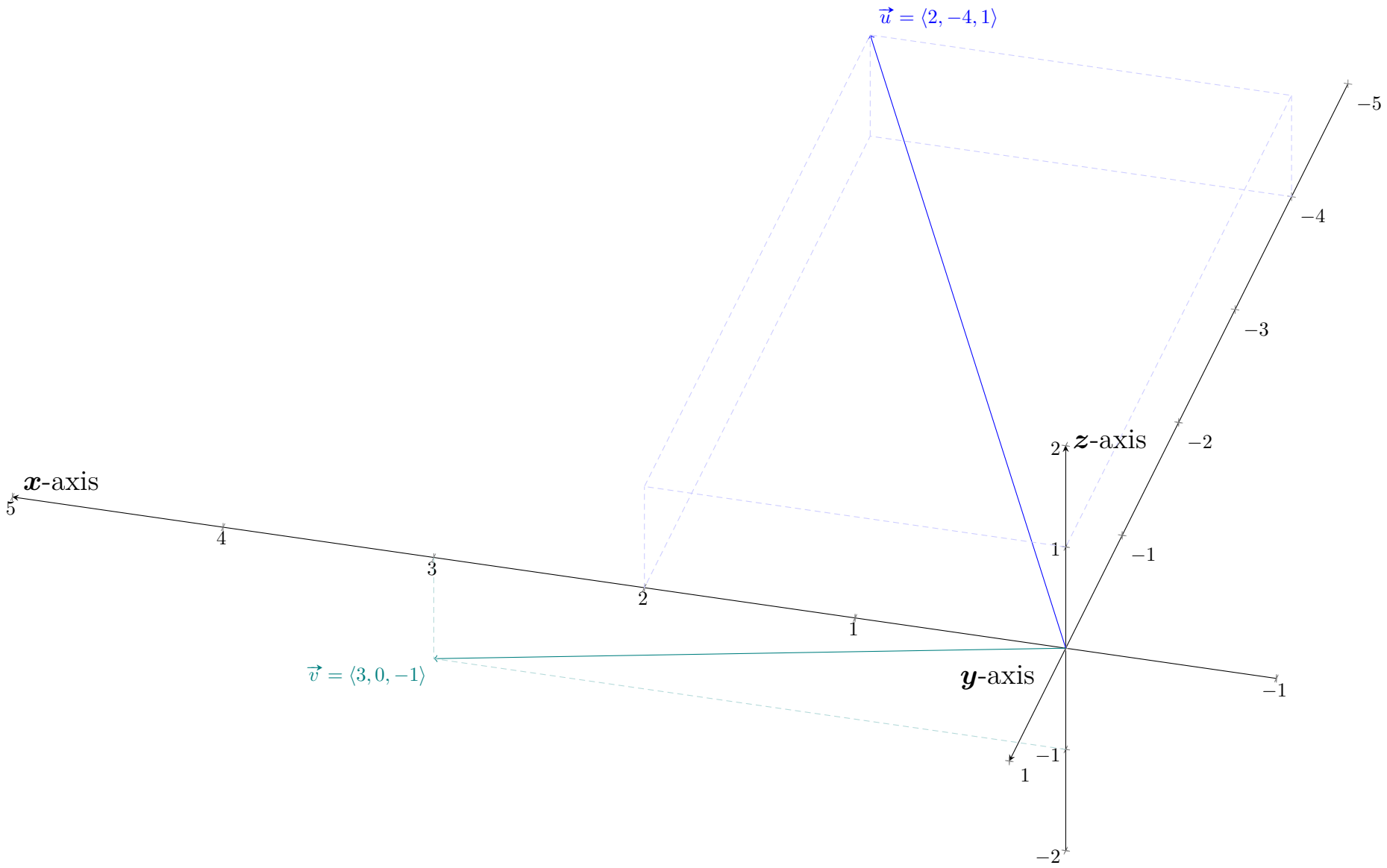

Figure 2: Plot vectors: $\vec{u} = \langle 2, -4, 1 \rangle$ to $\vec{v} = \langle 3, 0, -1 \rangle$

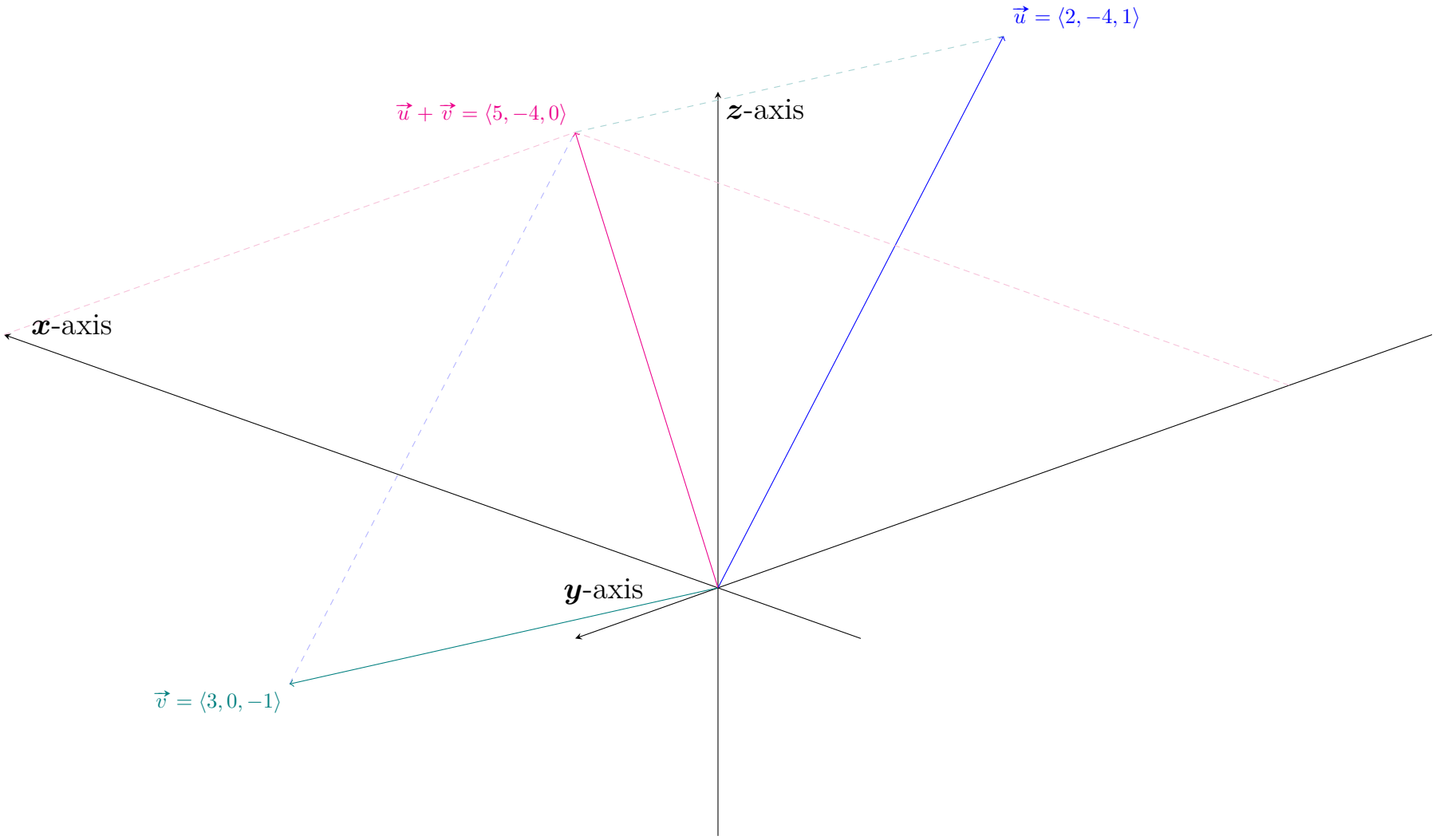

Figure 3: Plot $\vec{u} + \vec{v}$ from Figure 2

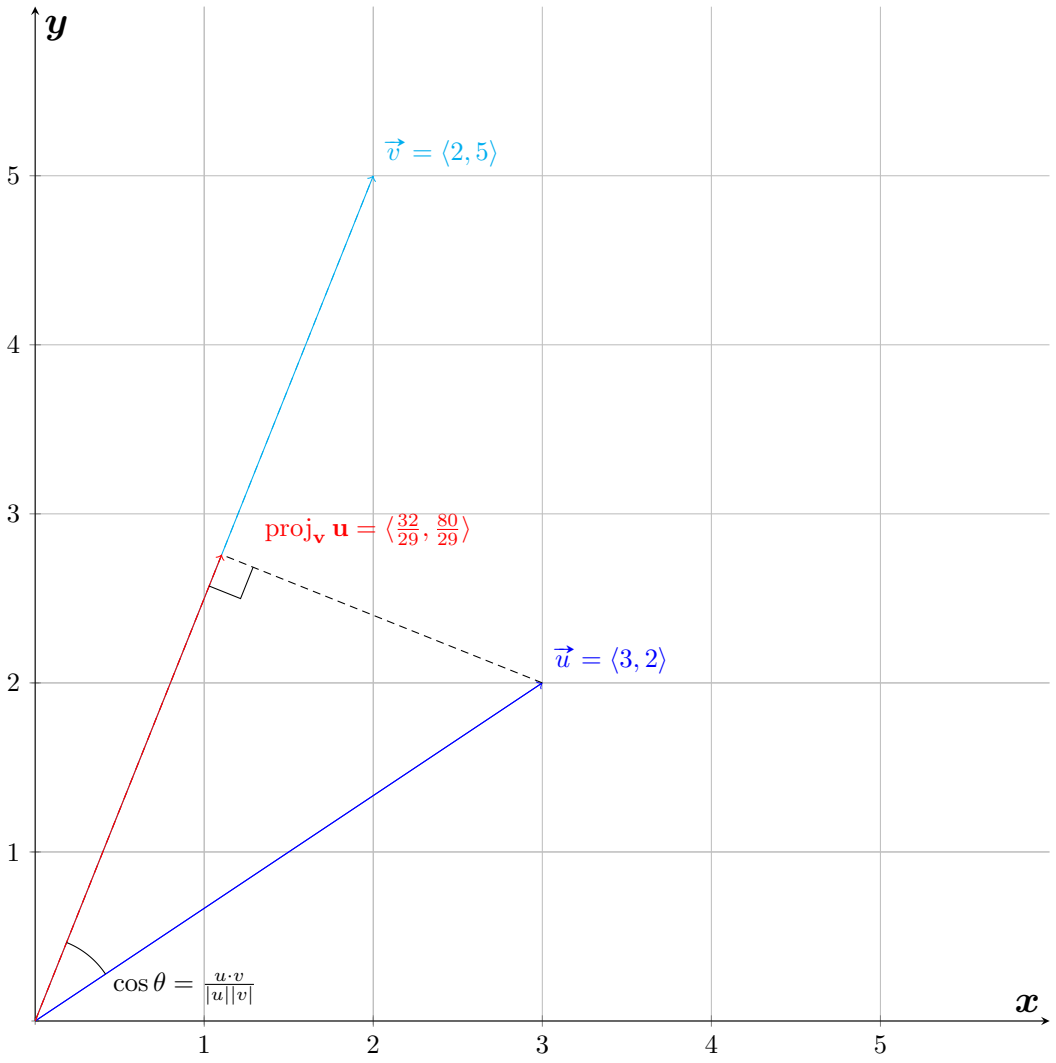

Figure 4: Plot $\vec{u} = \langle 3, 2 \rangle$ and $\vec{v} = \langle 2, 5 \rangle$ and $\text{proj}_{\mathbf{v}}\,\mathbf{u}$

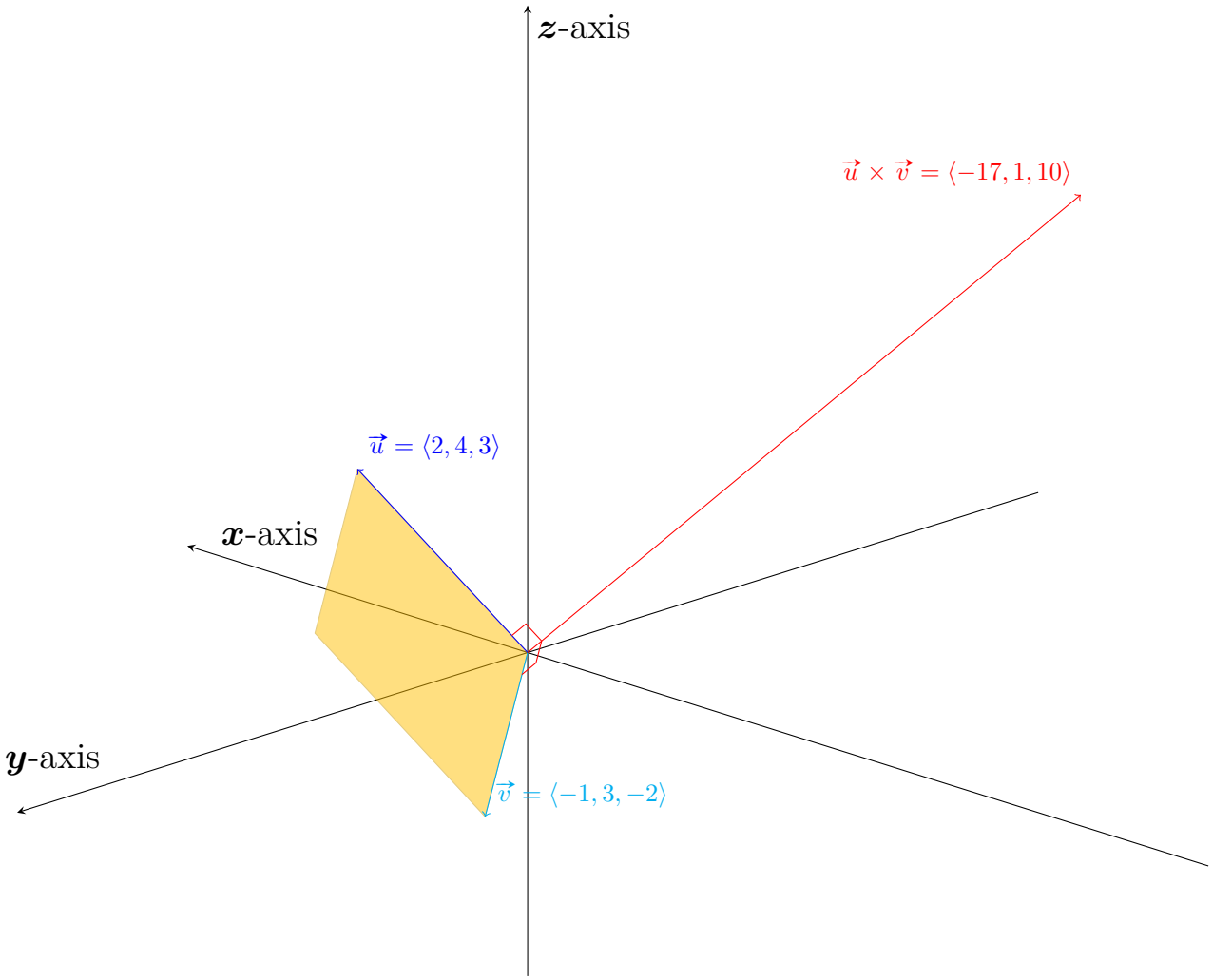

Figure 5: Plot $\vec{u} \times \vec{v}$ where $\vec{u} = \langle 2, 4, 3 \rangle$ and $\vec{u} = \langle -1, 3, -2 \rangle$

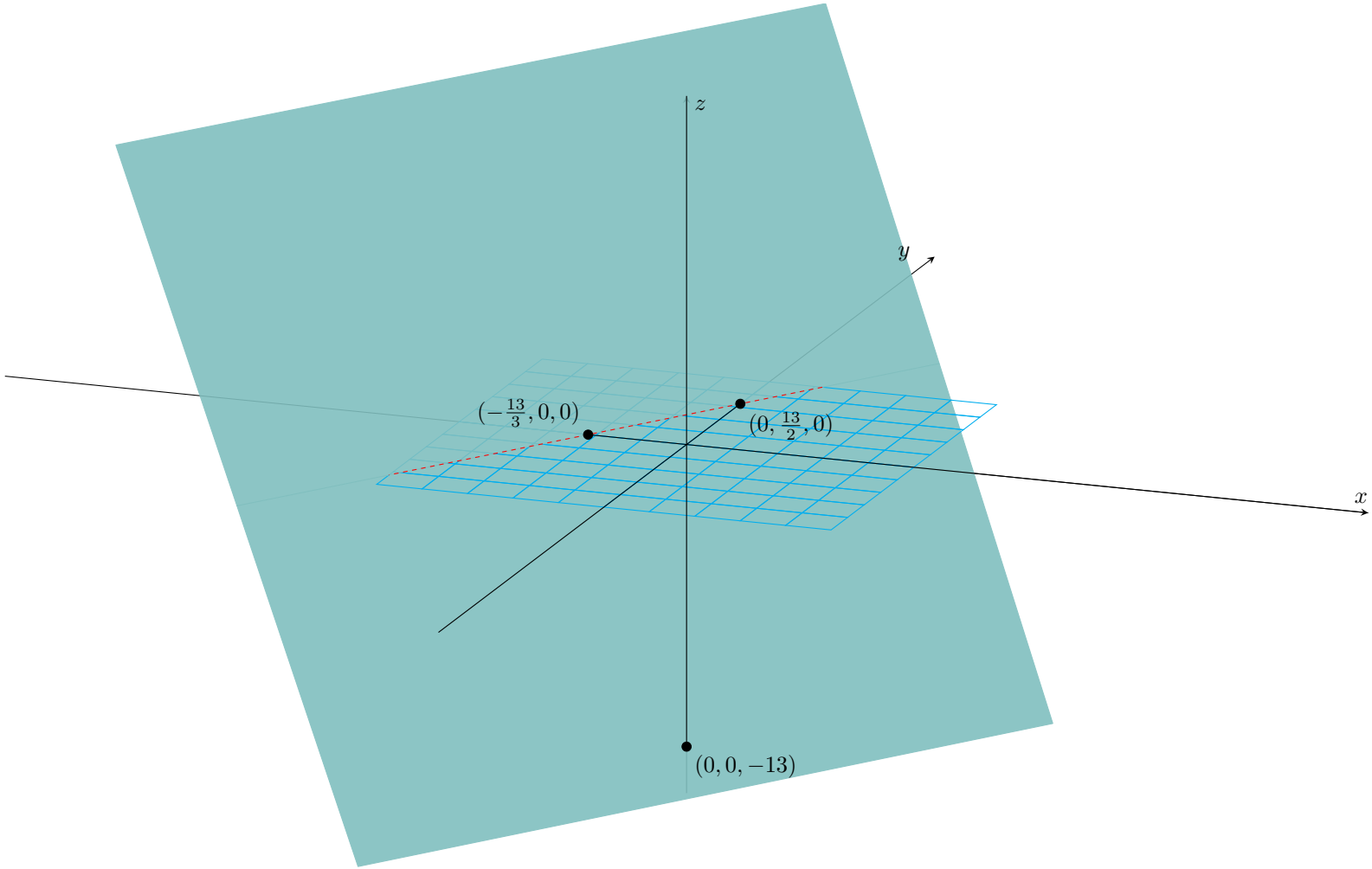

Figure 6: Graph the plane: $3x - 2y + z = -13$

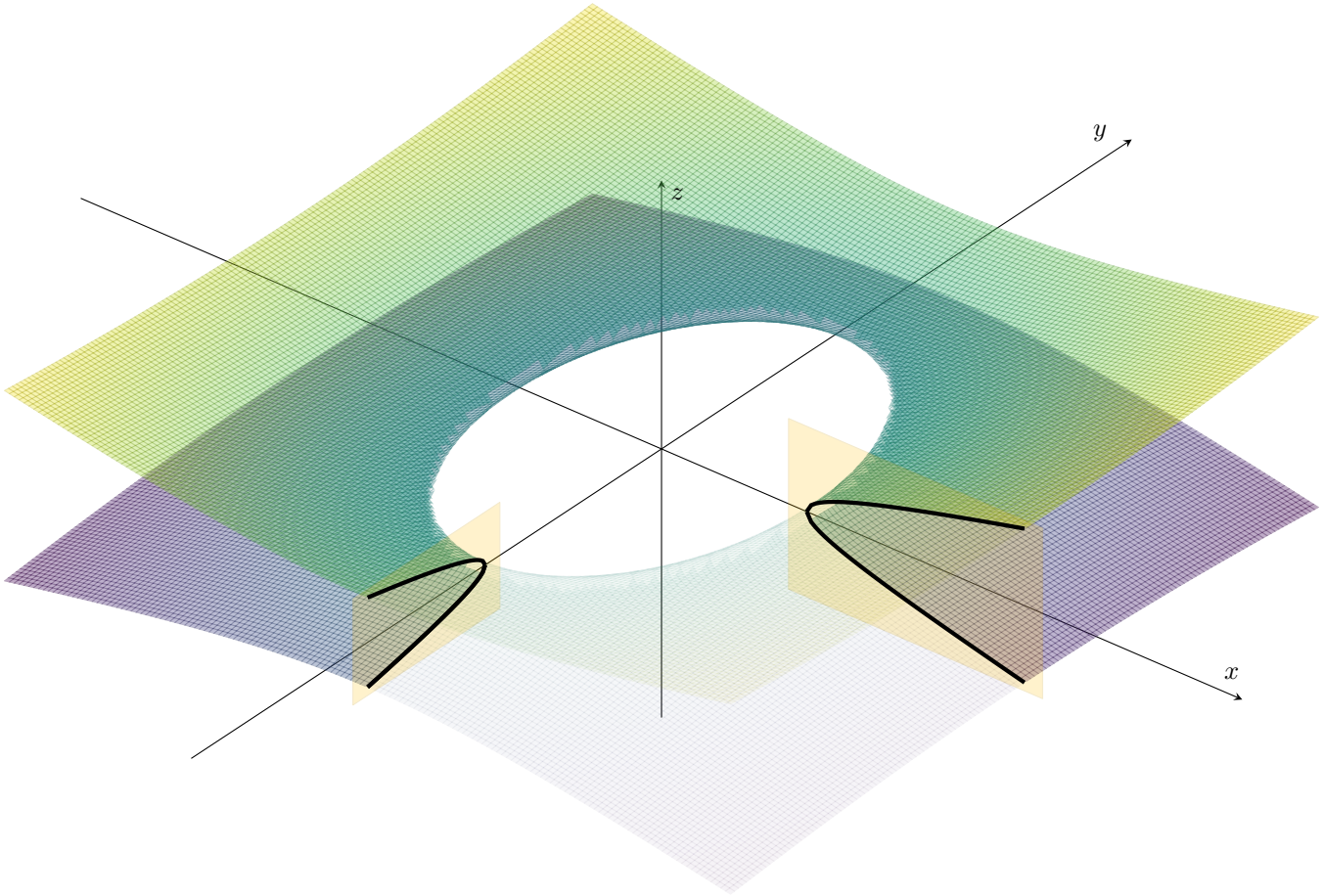

Figure 7: Graph $\frac{x^2}{4} + \frac{y^2}{9} - z^2 = 1$

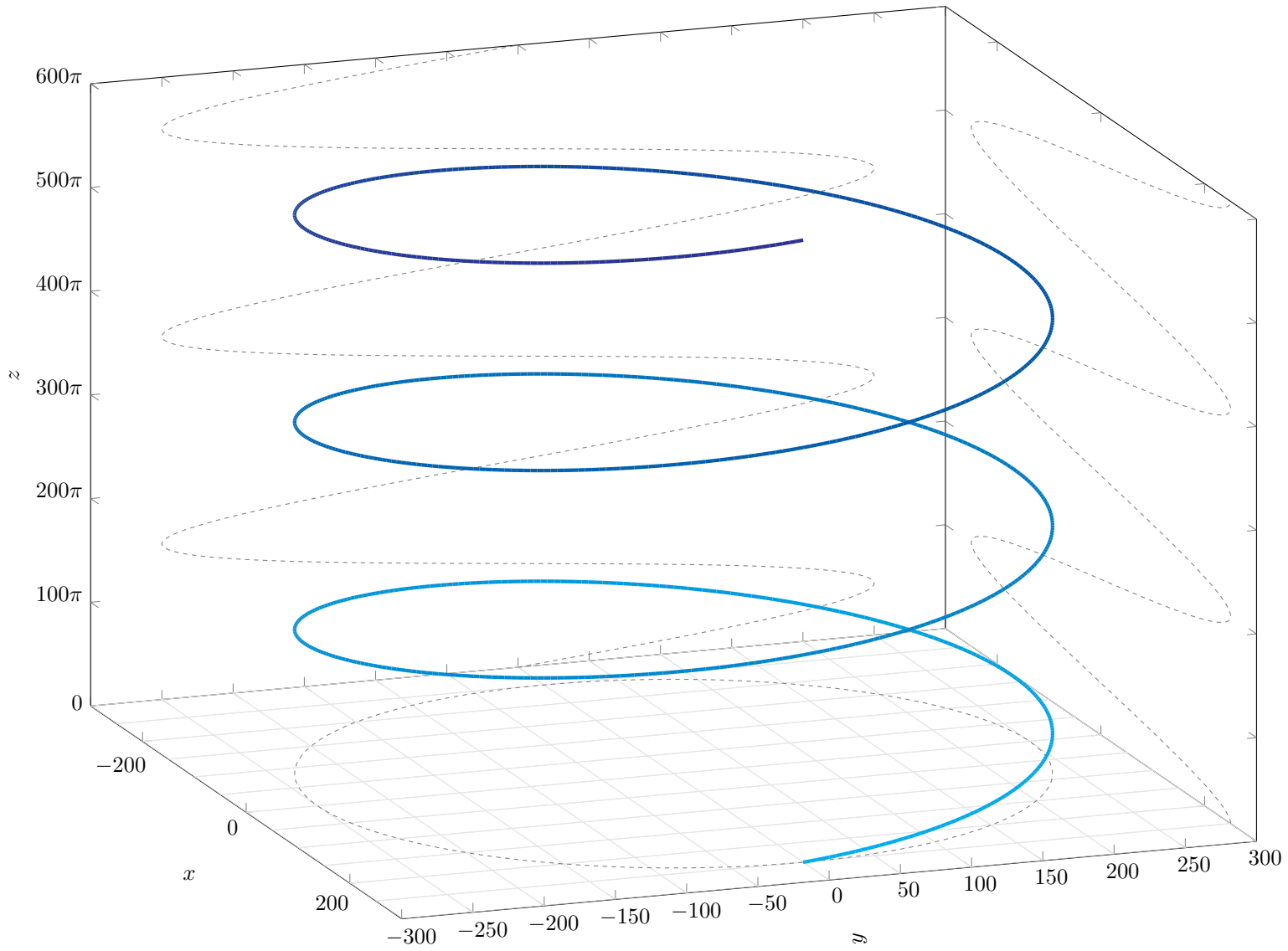

Figure 8: Graph $\langle 250\cos t, 250\sin t, 100t\rangle$

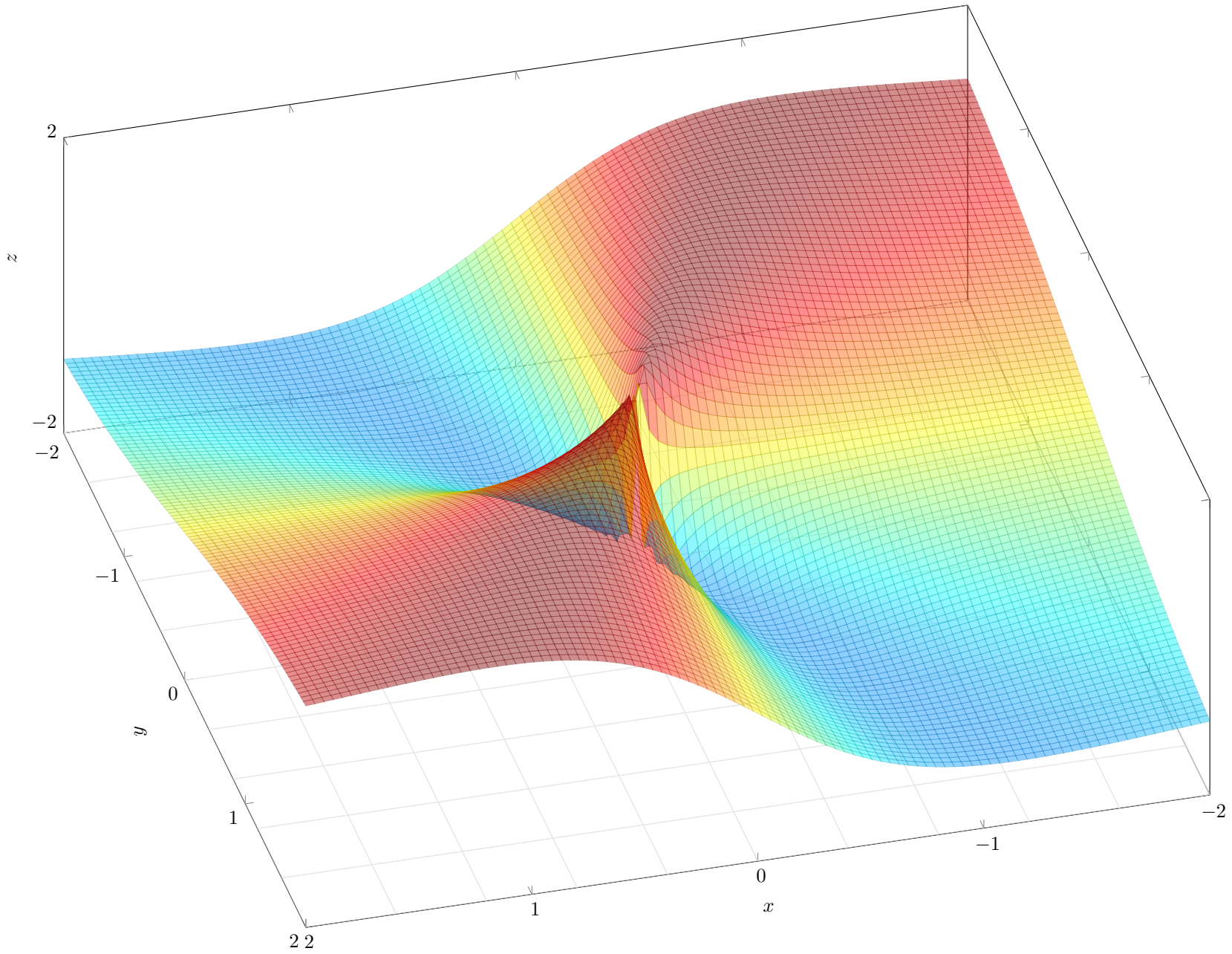

Figure 9: Graph $z = \frac{4xy}{3x^2+y^2}$