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B is $\hat{u}_n = \frac{1}{\sqrt{A^2 + B^2}} (A \hat{i} + B \hat{j})$

$\hat{u}_n = \frac{1}{\sqrt{100 + 33k^2}} (10 \hat{i} + 33k \hat{j})$

$\hat{u}_n = \frac{1}{\sqrt{100 + 33k^2}} (10 \hat{i} + 33k \hat{j})$

The projection C_n of C in the

direction of the unit

normal to the plane is $n \cdot C$

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$C_n = \frac{1}{\sqrt{100 + 33k^2}} (10k + 0.34115i + 0.54141j + 0.17870k)$

is the hypotenuse of the

right triangle whose other

two sides are of length C

n and $C \sin \theta$, where $C \sin \theta$

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