## **∃** Item Navigation

## Divergence Theorem for a Cube

Compute the flux integral of  ${m r}=x{m i}+y{m j}+z{m k}$  over a square box with side lengths equal to L by applying the divergence theorem to convert the flux integral into a volume integral.

✓ Completed

Go to next item

 $\stackrel{\ \, }{\bigtriangleup}$  Like  $\stackrel{\ \, }{\bigtriangledown}$  Dislike  $\stackrel{\ \, }{\Box}$  Report an issue