

# Daily Physics Problem 7/20/2022

Isaac Creer

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## 1 Today's Problem

A  $2.0\text{cm} \times 2.0\text{cm} \times 2.0\text{cm}$  box with its edges aligned with the xyz-axes is in the electric field  $E = (600x + 112)i \frac{N}{C}$ , where x is in meters. What is the net electric flux through the box?