





5.  $\frac{d}{dt} \int_{\partial V} \mathbf{F} \cdot d\mathbf{A} = \int_V \nabla \cdot \mathbf{F} dV$   $\frac{d}{dt} \int_V \rho dV = \int_V \frac{d\rho}{dt} dV$   $\frac{d}{dt} \int_V \rho \mathbf{v} \cdot d\mathbf{A} = \int_V \nabla \cdot (\rho \mathbf{v}) dV$

6.  $\frac{d}{dt} \int_V \rho \mathbf{v} \cdot d\mathbf{A} = \int_V \nabla \cdot (\rho \mathbf{v}) dV$   $\frac{d}{dt} \int_V \rho \mathbf{v} \cdot d\mathbf{A} = \int_V \nabla \cdot (\rho \mathbf{v}) dV$   $\frac{d}{dt} \int_V \rho \mathbf{v} \cdot d\mathbf{A} = \int_V \nabla \cdot (\rho \mathbf{v}) dV$

7.  $\frac{d}{dt} \int_V \rho \mathbf{v} \cdot d\mathbf{A} = \int_V \nabla \cdot (\rho \mathbf{v}) dV$   $\frac{d}{dt} \int_V \rho \mathbf{v} \cdot d\mathbf{A} = \int_V \nabla \cdot (\rho \mathbf{v}) dV$   $\frac{d}{dt} \int_V \rho \mathbf{v} \cdot d\mathbf{A} = \int_V \nabla \cdot (\rho \mathbf{v}) dV$



پروفیسر ڈی. آر. ڈی.  
 پروفیسر ڈی. آر. ڈی.

پروفیسر ڈی. آر. ڈی.  
 پروفیسر ڈی. آر. ڈی.