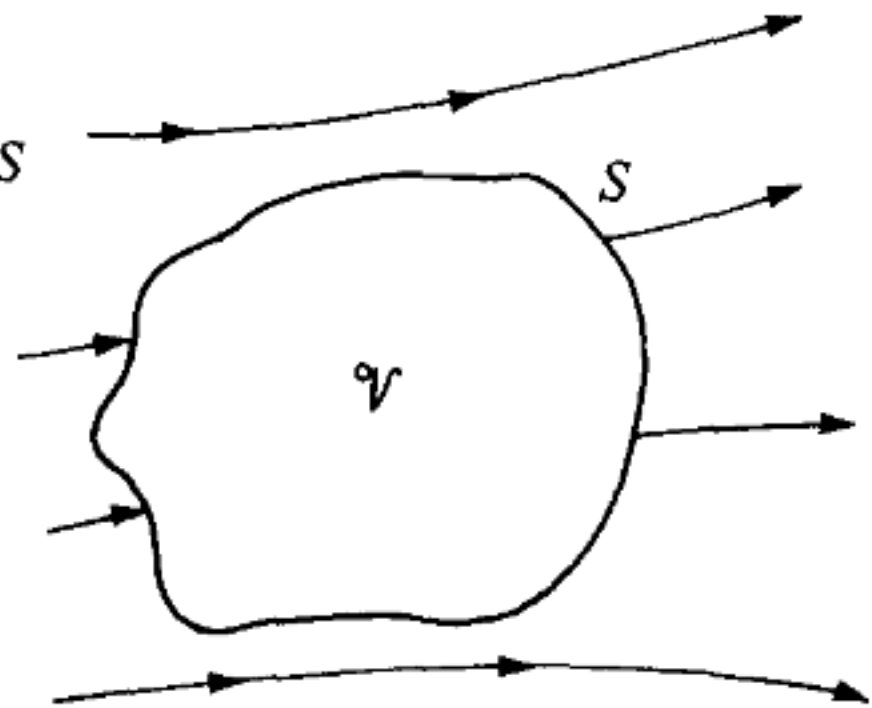


Finite control volume  
fixed in space with the  
fluid moving through it



Finite control volume moving  
with the fluid such that the  
same fluid particles are always  
in the same control volume