

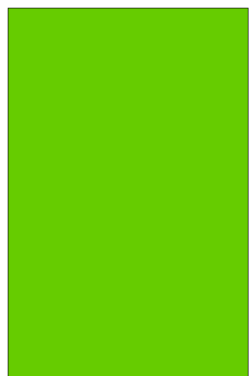
**Ghost cell**



**Pressure**



**X-velocity**



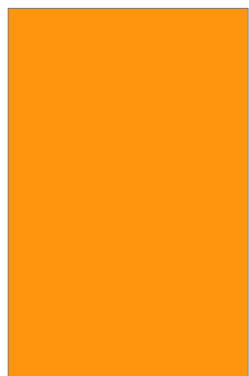
**Actual domain**



**Boundary  
X-velocity**



**Y-velocity**



**Computational  
domain**



**Boundary  
Y-velocity**