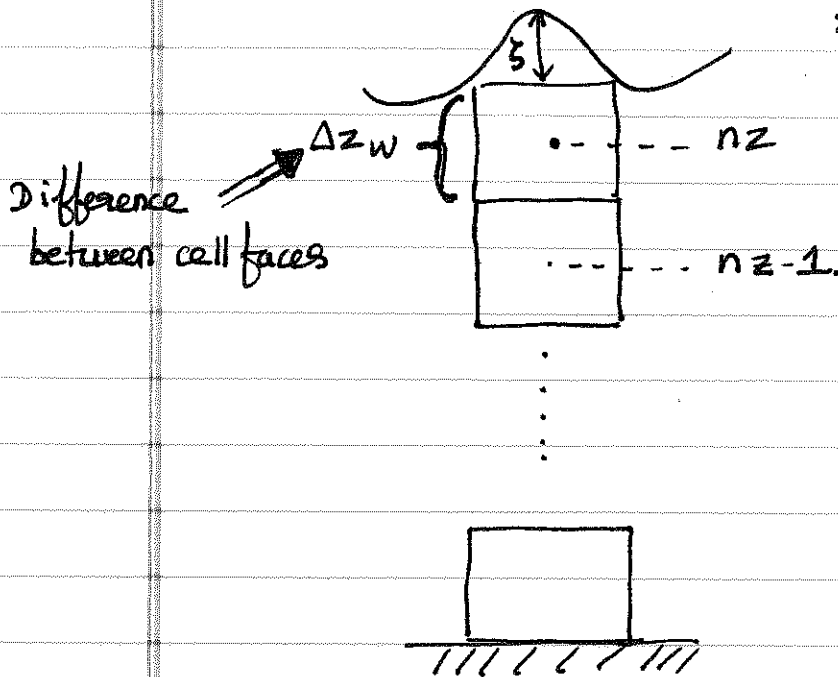


# Computing pressure at p-points



1)  $p \rightarrow$  Read in from ROMS.

2)  $p = p + 10^3; p_0$

3)  $p(nz) = p|_{nz} \times \frac{\Delta z_w}{2}$

4)  $p(nz-1) = p|_{nz} \times \frac{\Delta z_w}{2} + p|_{nz-1} \times \frac{\Delta z_w}{2}$

So on.

Add pressure due to free surface elevation.

5)  $p(:) = p(:) + p_0 \times \xi$

6)  $p = p \times g$   
 $\swarrow$   
 9.8