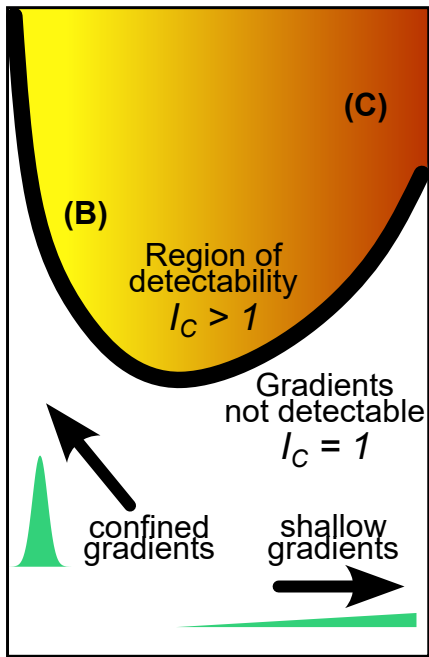
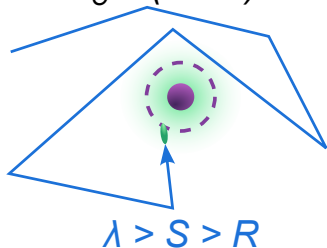


**A**excess concentration  $C_s$ phytoplankton radius  $R$ **B** ballistic encounters

$$I_C = (S/R)^2$$

**C** diffusive encounters

$$I_C = S/R$$

