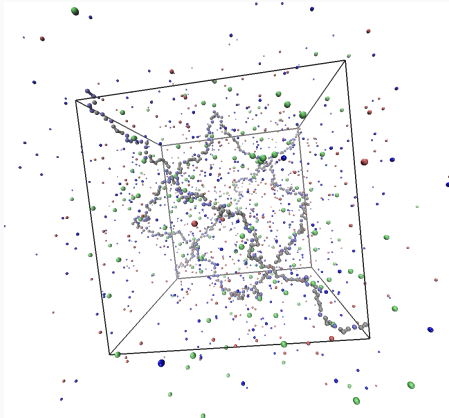


Seawater model solution



$$c_{\text{Cl}^-} = 0.54 \text{ mol/l}$$

of negative ions

$$c_{\text{Na}^+} = 0.47 \text{ mol/l}$$

of positive ions

$$c_{\text{Ca}^{2+}} = 0.063 \text{ mol/l}$$

of positive divalent ions

$$c_{\text{Na}^+} \simeq 0.87 \cdot c_{\text{Cl}^-}$$
$$c_{\text{Ca}^{2+}} \simeq 0.117 \cdot c_{\text{Cl}^-}$$

$$\mu_{\text{Na}^+} = \mu_{\text{Cl}^-} - 0.139kT$$
$$\mu_{\text{Ca}^{2+}} = \mu_{\text{Cl}^-} - 2.03kT$$