

$$= \frac{0.504 - 1}{-0.5} = \frac{-0.496}{-0.5}$$

$$= \frac{1}{2} - 1$$

$$= 0.992$$

Percentage of association = $\% \times 100$

$$= 0.992 \times 100$$

$$= 99.2\%$$

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ELECTROCHEMISTRY

The Branch of chemistry which deals with interconversion of electrical and chemical energy, known as electrochemistry.

The device in which the interconversions of electrical and chemical energy are carried out, known as cells.

Cells are of two types

1. Electrochemical cell or [Voltaic cell]

:- chemical / Galvanic cell
 :- electrical energy is giving electrical energy.

2. Electrolytic cell :

:- Electrical energy is converted to chemical energy

i.e. electrochemistry is study of cells.

1. Electrochemical cell or Voltaic cell or Galvanic cell

Eg :- Daniell cell