Enantiomeric excess (symbol: ee) of a mixture of enantiomers = percent composition of the major enantiomer — percent composition of the minor enantiomer.

**Example:**

Consider a mixture of hypothetical enantiomers (+)-A and (-)-A

\[
(+)\cdot A\% = 75\%
\]

\[
(-)\cdot A\% = 25\%
\]

\[
\text{ee of the mixture} = (+)\cdot A\% - (-)\cdot A\%
\]

\[
= 75\% - 25\%
\]

\[
= 50\%
\]

Enantiomeric excess of a mixture of enantiomers is numerically equal to its optical purity.

**Contributors**

- Gamini Gunawardena from the OChemPal site (Utah Valley University)