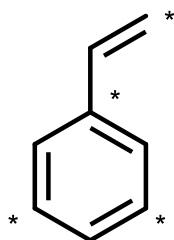


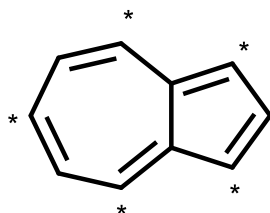
## alternant

A conjugated system of  $\pi$ -electrons is termed alternant if its atoms can be divided into two sets so that no atom of one set is directly linked to any other atom of the same set.

Example of alternant  $\pi$  system:



Example of non-alternant  $\pi$  system:



(two atoms of unstarred set are directly linked)

**Source:**

PAC, 1994, 66, 1077 (*Glossary of terms used in physical organic chemistry (IUPAC Recommendations 1994)*) on page 1082