STRUCTURE & REACTIVITY

ALKANES : Cn Henre

SOTOPOSE SOME COMPOUND HAS N(H)=m, AND N(C)=m.

THEN THE DEGREE OF UNSATURATION IS:

DOM = n+1 - in Z

UNSATURATION COMES IN DIFFERENT FORMS:

0 12116

· DOUGLE BOND

· TRIPLE BOND

SPECIAL CASES:

HALOGEN COMPOUNDS

ADD THE NUMBER OF HALDGENS X TO NUMBER H TO ARRIVE AT EQUIVALENT HYDROCARBON FORMULA

ORGANOOK46ENIC

COMPOUNDS

16NORE O.

ORGANONITROGEN

COMPOUND

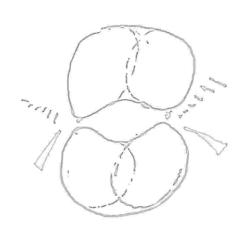
SUBTRACT NUMBER OF N FROM N(4).

EXAMPLE

$$\frac{1}{12} \frac{1}{12} \frac{10}{2} = 2$$

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CIS-TRANS



BARBIER to ROTATION
ACOUT CORDON-CARON IL GEND:

E/Z 150MERISMI SEQUENCE RULES

CAMN INGOLD- PREGOG PULES TO RESIGN PRIMAGE

TO BOUND & UDSTUTUTIVES

Z: ZUSAMMEN

E: ENTGEGEN

STABILITY

$$\frac{1}{100} = \frac{1}{100} = \frac{1}$$

n mind from the cons

ENERGY



M my James C.13

C n

W3