# Periophic reaction

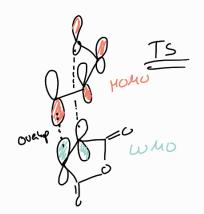
- · Cyclic additions
- · Signitopic rennagemb

#### Diels-Alder reactions

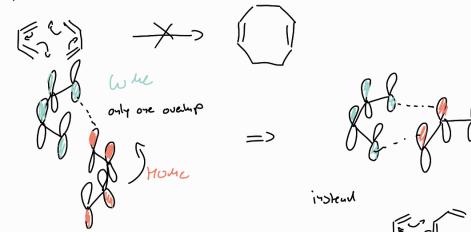
(. Enzymaticly observed)

#### 2 requirement

### Steveospecific reaction:



why not:



-> but much showe than the other renchion, sixce there is no EWG lower's the energy of the ousibuls.

## The Endo rule

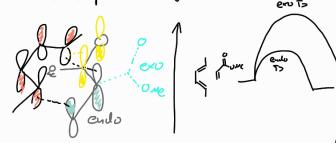
ex if reversible DA

= Ring away from layer part of the other viny

Hernodynamic pulvece

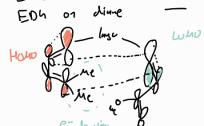
= Ring close to layer par of the other viny hinetic poduce

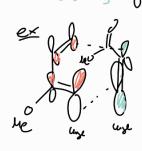
Many DA are high in Actiontion engy Ea => kinetic endo poduct is formed



## <u>Kezioselectivil</u>

EWEN on diempile distorts outsing coefficiens

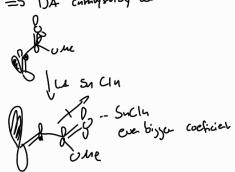




=> Claider effects of EDG an EWG on where the laws Coeficier lies.

=> DA TS is "conventic-like" => op Meeting

-> To make the venction forster, the effect of the Ewg should be analise eg. by lewis; Proba Acids => DA compressly lews and



They Cycloadditions

DA = Z+ h cyclonddihins

ZtZ Cyllward?

er estylen | 1 /2 | 1 /2 |

=> No overup , moons huppes

Ls Zrz photocremin vencini:

1 T\*- hu

1 Te-soesupinE

1 Th

(e no use in IT but and birding)