III. Addition of H - H: Catalytic Hydrogenation

$$R_{IIIII}$$
 $G=G$ $+$ H_2 Pt , Pt ,

Heterogeneous reaction - reaction takes place on the surface of the solid catalyst Function of catalyst:

Steric factors may direct product formation: less sterically hindered face of double bond approaches catalyst

$$H_3C$$
 CH_3
 H_3C
 H_3C