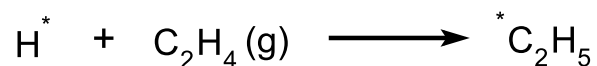


## sorptive insertion

*in surface catalysis*

This is analogous to the process of ligand insertion in coordination chemistry.



This reaction might also be imagined to proceed by adsorption of C<sub>2</sub>H<sub>4</sub> followed by ligand migration (an associative surface reaction).

**Source:**

PAC, 1976, 46, 71 (*Manual of Symbols and Terminology for Physicochemical Quantities and Units - Appendix II. Definitions, Terminology and Symbols in Colloid and Surface Chemistry. Part II: Heterogeneous Catalysis*) on page 84