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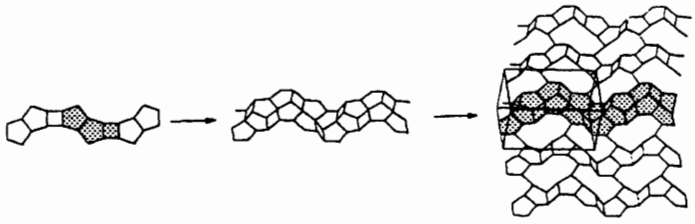
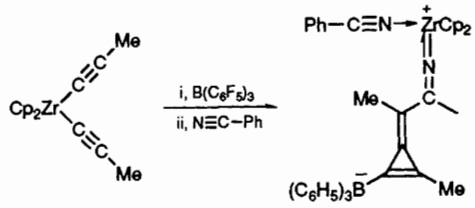
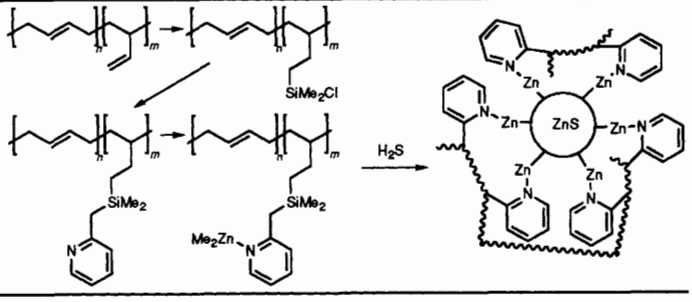




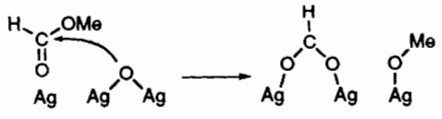




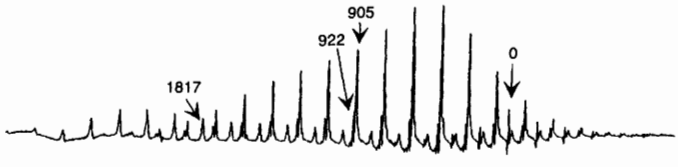






The adsorption of methyl formate on an unmodified silver surface can be represented as below. In contrast, on a reconstructed silver surface which is active in the selective oxidation of methanol to formaldehyde, no reaction occurs owing to the electrophilicity of adsorbed oxygen and the steric inaccessibility of subsurface oxygen which is present on such a surface.

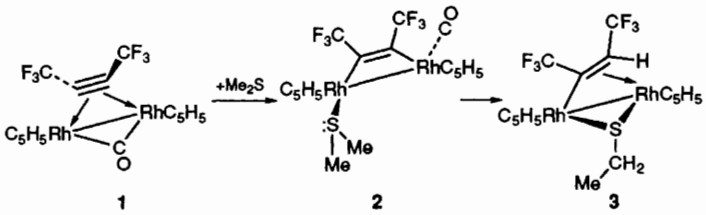





$^{6}$Li and $^{7}$Li MAS NMR has been used to characterise lithium sites in two paramagnetic lithium manganese oxides.



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