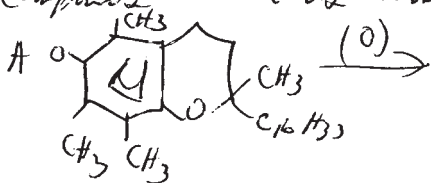
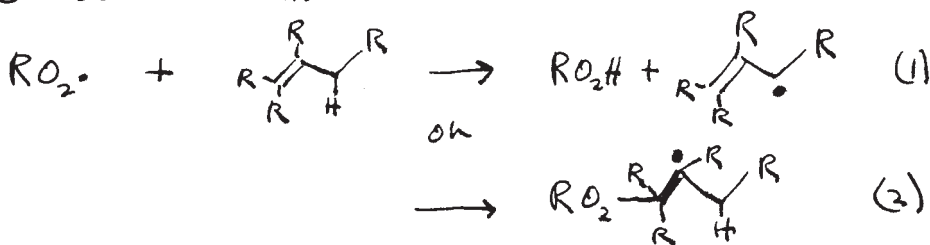


Welcome to Stanford Research Institute
 on this somewhat cloudy California day of 9 Dec. 1966.
 We hope your stay will be as pleasant as
 the previous one. We remember your beautiful
 compounds show us some 9 years ago here.



Woffstein
 Executive Director
 Stanford
 Institute.
 many
 many
 products.
 to a lifetime
 of work of identification.
 Biological Significance?? Also a lifetime
 of work -

Dale R. Van Sickle - in collaboration with
 F.R. Mayo, I have been investigating the
 products and kinetics of the autoxidation
 of alkenes. Our major effort has been to
 show how the reaction of peroxy radicals
 with olefins divides between abstraction
 of the allylic hydrogen or addition to
 the double bond.



The competition between (1) and (2) is
 governed mainly by type of R groups in the
 olefin. The products which eventuate
 from reaction (1) are hydroperoxides, allylic
 alcohols and α, β unsatd. ketones; from (2)
 epoxides and complex peroxides as well as