

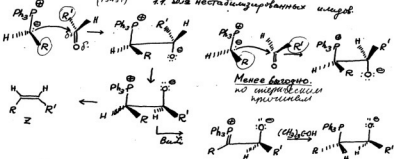
## Лекция 2.

Ретрон = Хвойной  
взв.

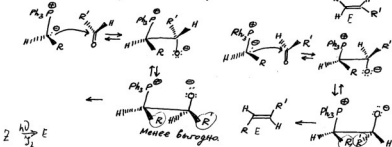


1. Реакция Ватруга (1949г)

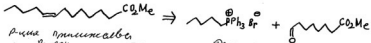
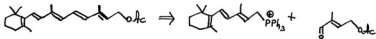
1.1. Для нестационарных и/или



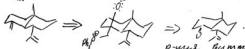
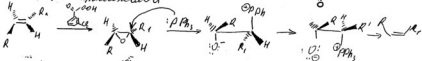
4.2. Для стабилизированного шифра.



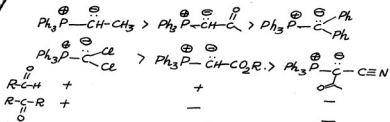
### Задачи



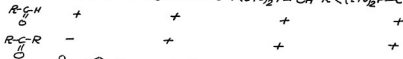
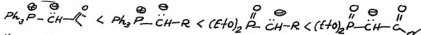
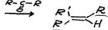
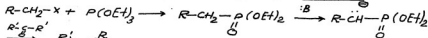
Р-ция. Пассива.



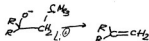
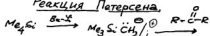
Р-ция Витамин не идет из-за стероидных затруднений.



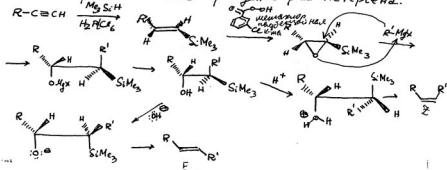
## 2. Реакция Хорнера-Везворта-Эммонса

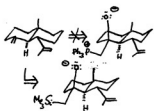


## 3. Реакция Петерсена

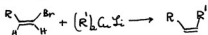
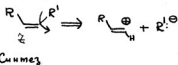
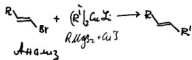
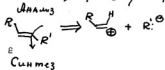


Стереоселективное проведение р-и Петерсена.

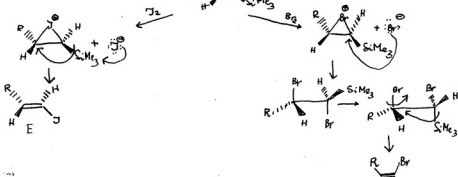
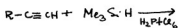




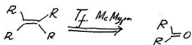
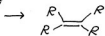
#### 4. Реакция Вюрца-Ганна-Вюрца



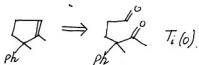
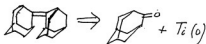
Синтез Z и E винилгалогенидов



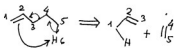
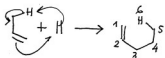




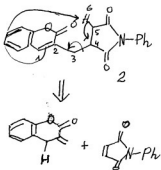
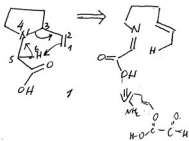
Задачи

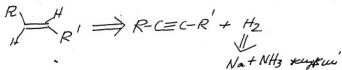
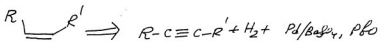


9. Реакция Алдера (сильная реакция)



Задачи





11 Реакция метатезиса оксидов.

