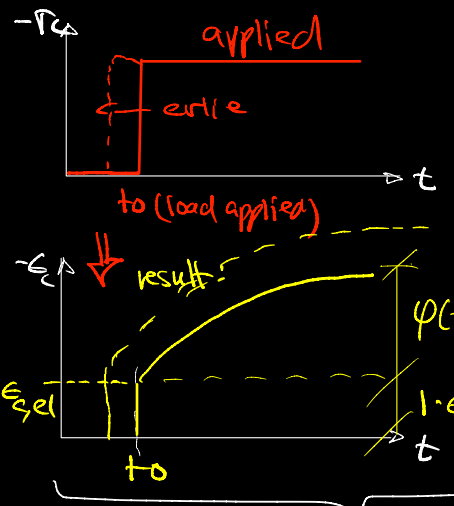
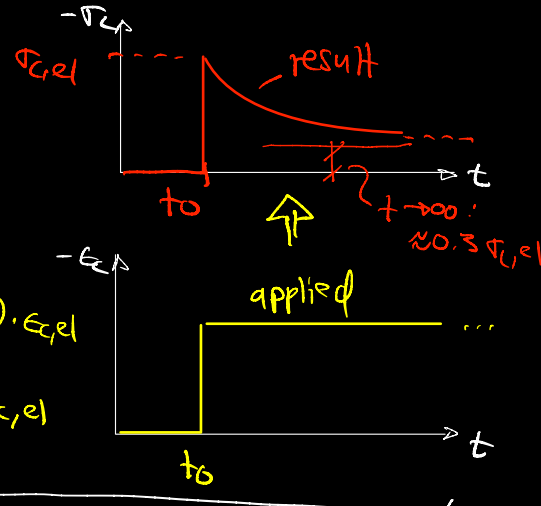


Concrete: Long-term effects (compression; uncracked concrete in tension ~ same)

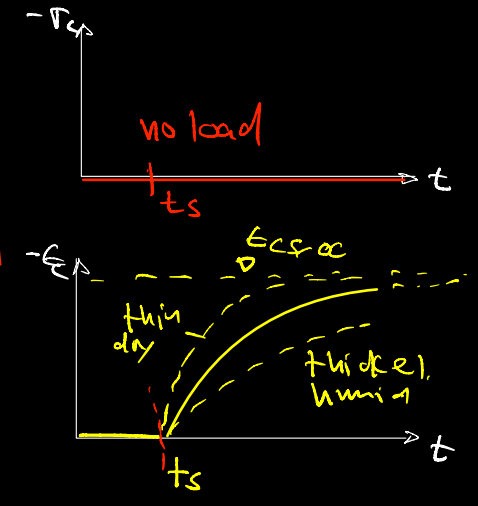
creep



relaxation



shrinkage



- > main topic of lecture
- > creep + relaxation are two ways of looking at the same phenomenon!

* we often neglect that E_c increases with time

creep : loading - unloading

