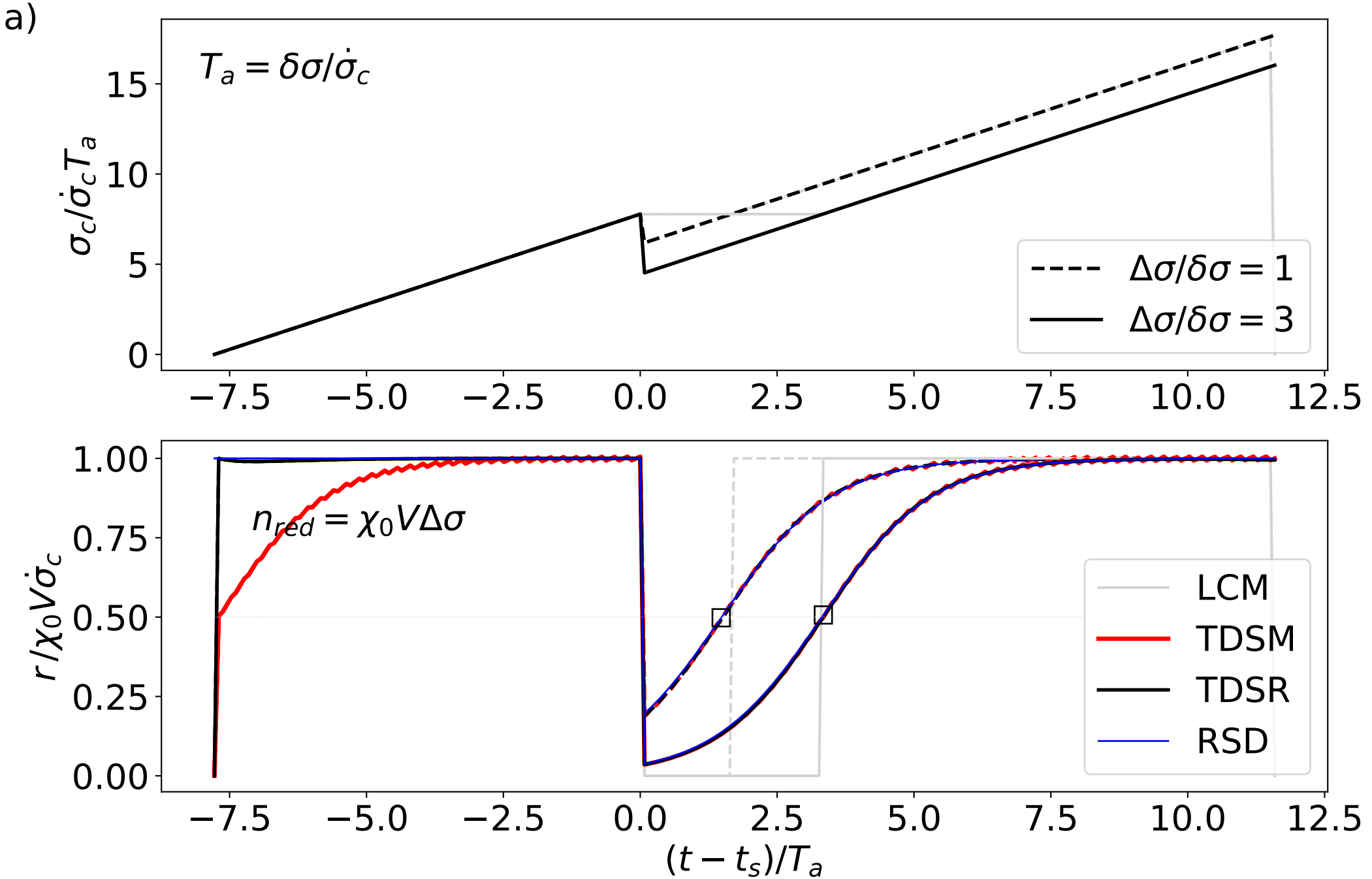
a)
$T_a = \delta\sigma/\dot{\sigma}_c$
$\sigma_c/\dot{\sigma}_c T_a$
$\Delta\sigma/\delta\sigma = 1$
$\Delta\sigma/\delta\sigma = 3$
$n_{red} = \chi_0 V \Delta\sigma$
$r/\chi_0 V\dot{\sigma}_c$
LCM
TDSM
TDSR
RSD
$(t - t_s)/T_a$