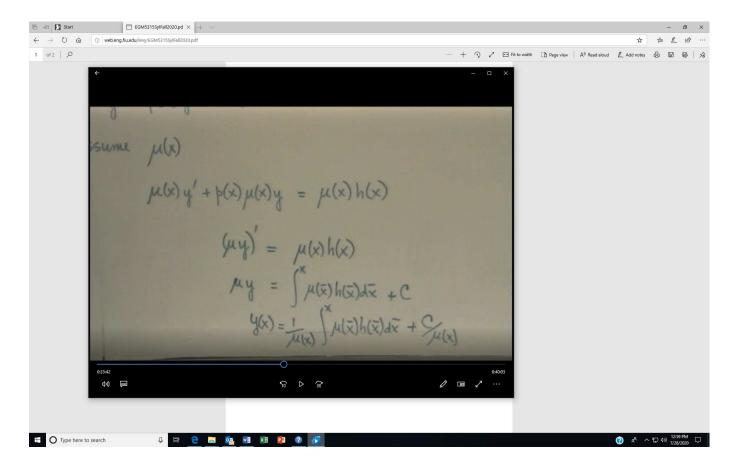
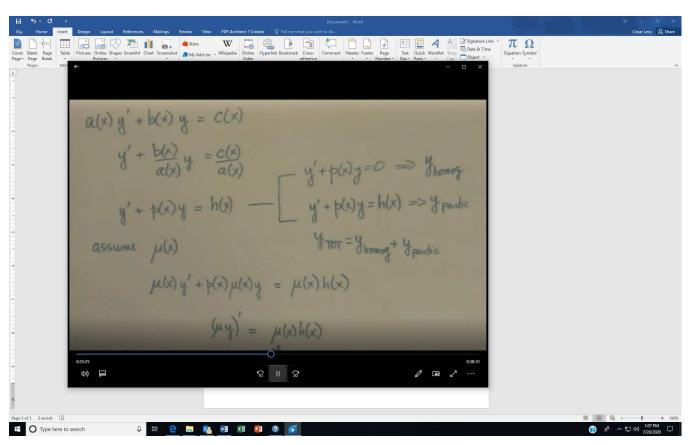
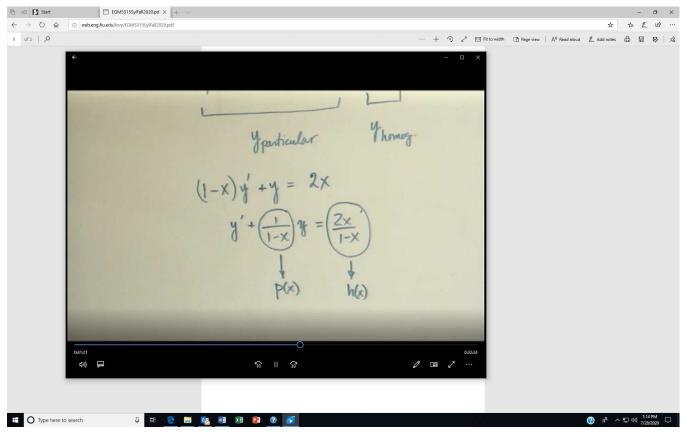


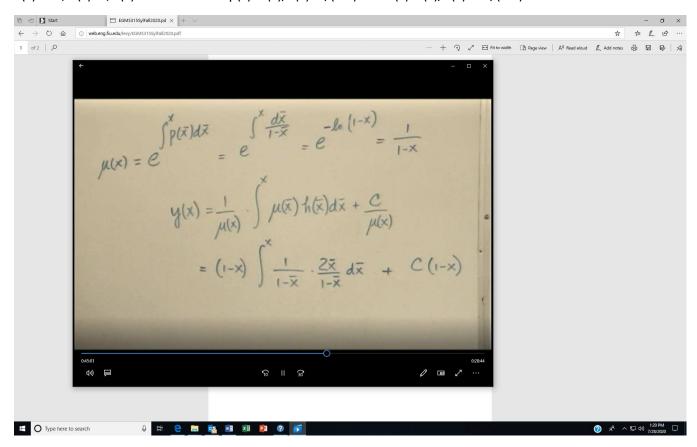
 $\mu(x)$  is the integrating factor

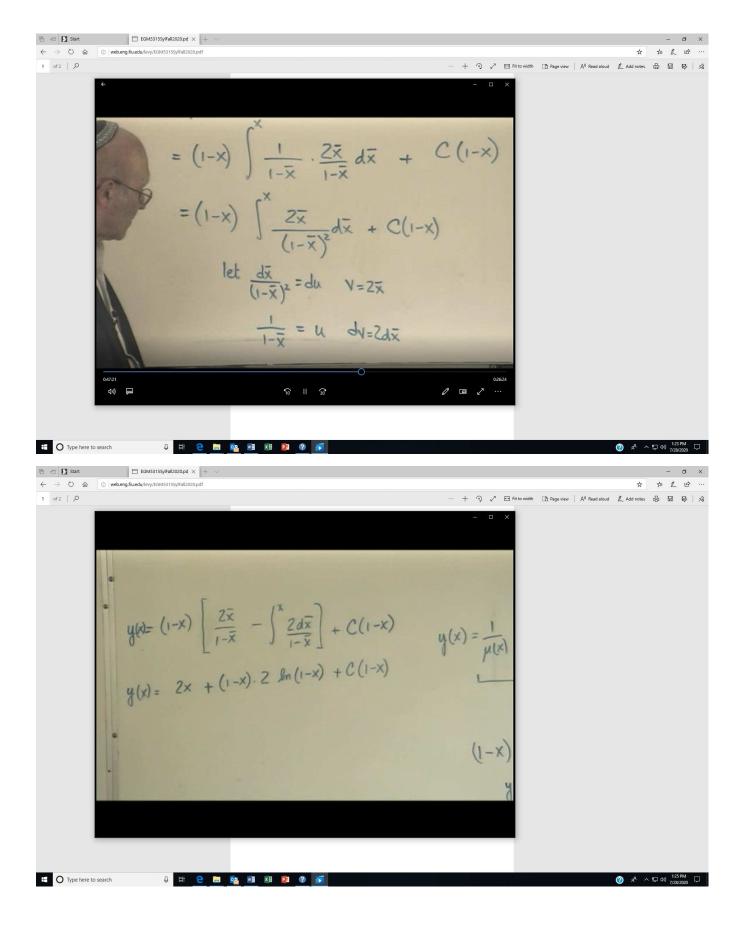


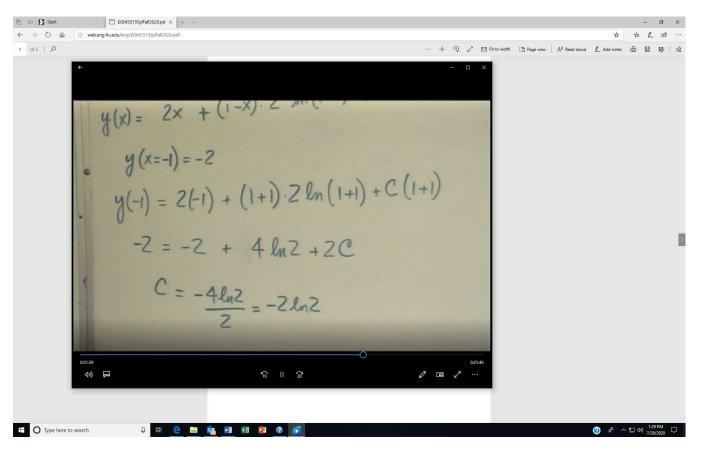




a(x)=1-x, b(x)=1, c(x)=2x  $\rightarrow$  leads to p(x)=b(x)/a(x)=1/(1-x) and h(x)=c(x)/a(x)=2x/(1-x)







If we are given the initial condition y(x=-1)=-2, which is needed to evaluate the unknown C, then C=-2 ln 2 =- ln 4

