The body of a murder victim was discovered at 11 P.M. one evening. The police doctor on call arrived at 11.30 P.M. and immediately took the temperature of the body, which was 94.6 . He again took the temperature of the body after one hour when it was 93.4 , and he noted that the temperature of the room was a constant 70 .Estimate the time of death by computing manually.

Also find the following using WxMaxima

(i) general solution

(ii) particular solution

(iii) graph of particular solution