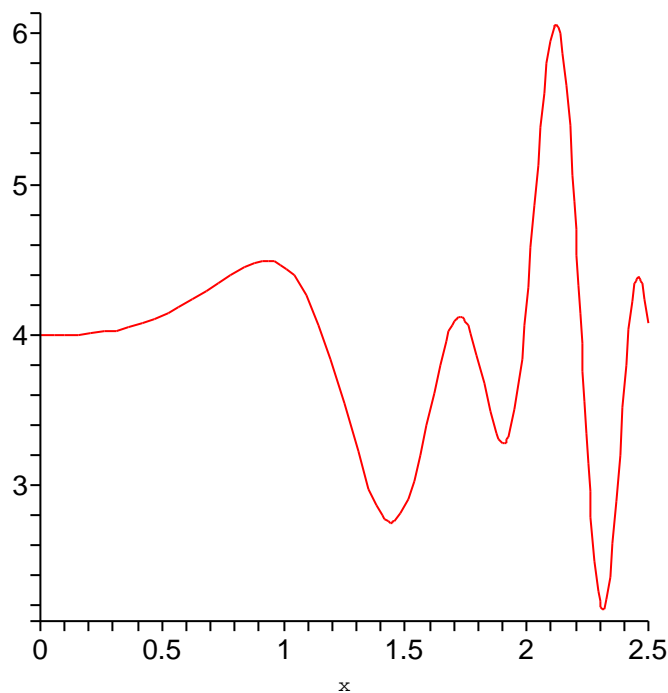
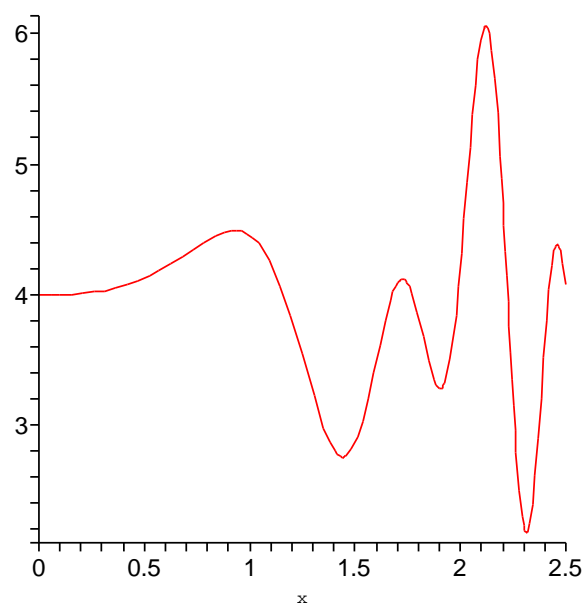
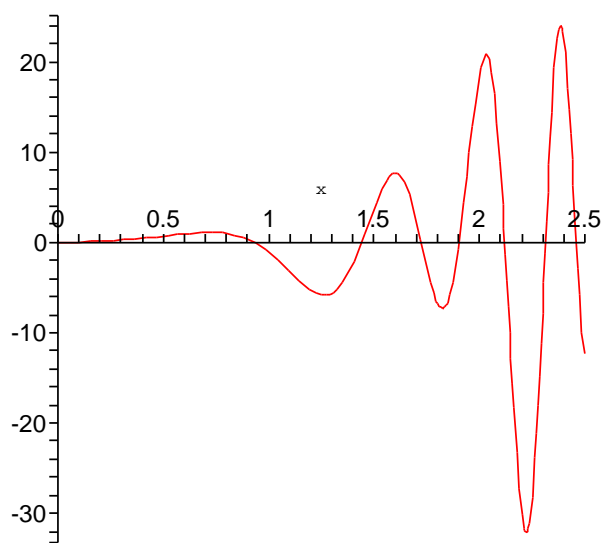

This is the graph of the altimeter readings of a hot air balloon. Time t is measured in minutes and the altitude $A(t)$ is measured in hundreds of feet.



1. Is the balloon rising or falling at time $t=2$? $t=1$?
2. When is the balloon rising? falling?
3. Let $V(t)$ denote the balloons upward velocity at time t . When is V positive? negative? zero?



Graph of $A(t)$



Graph of $V(t)$