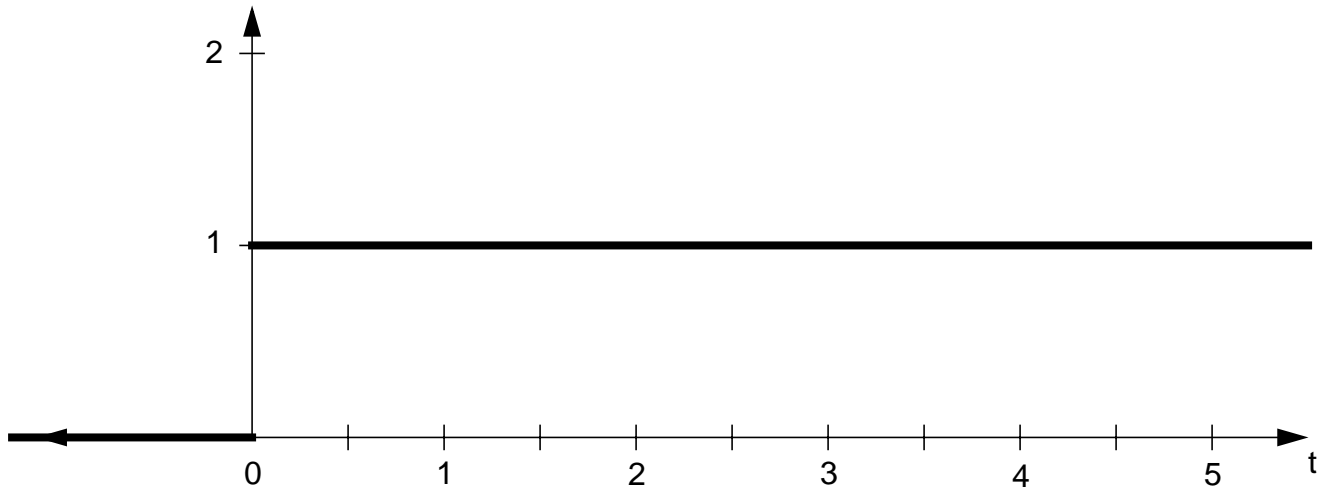
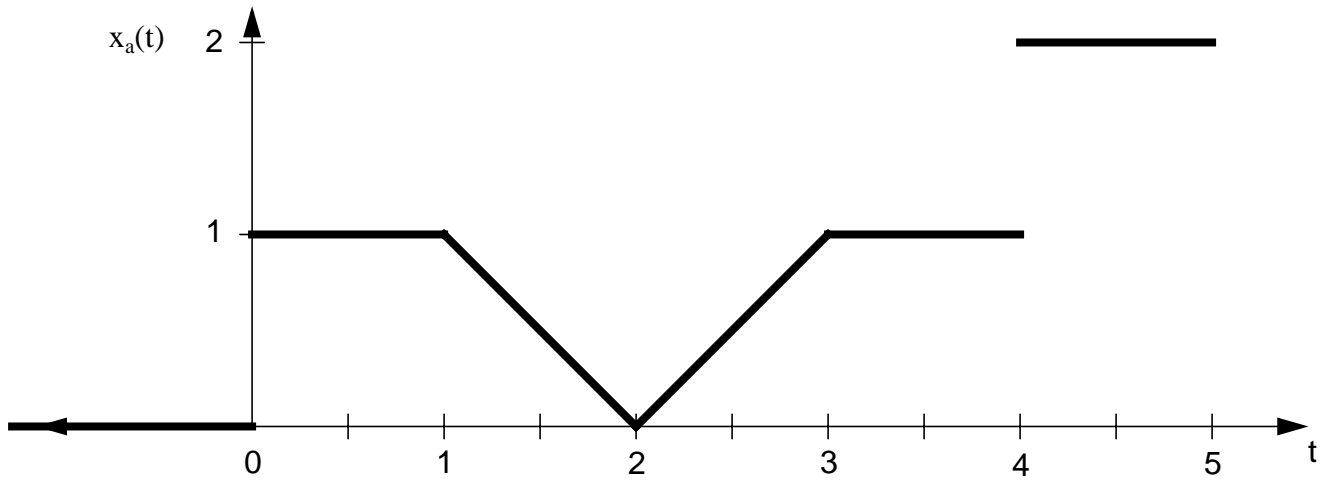
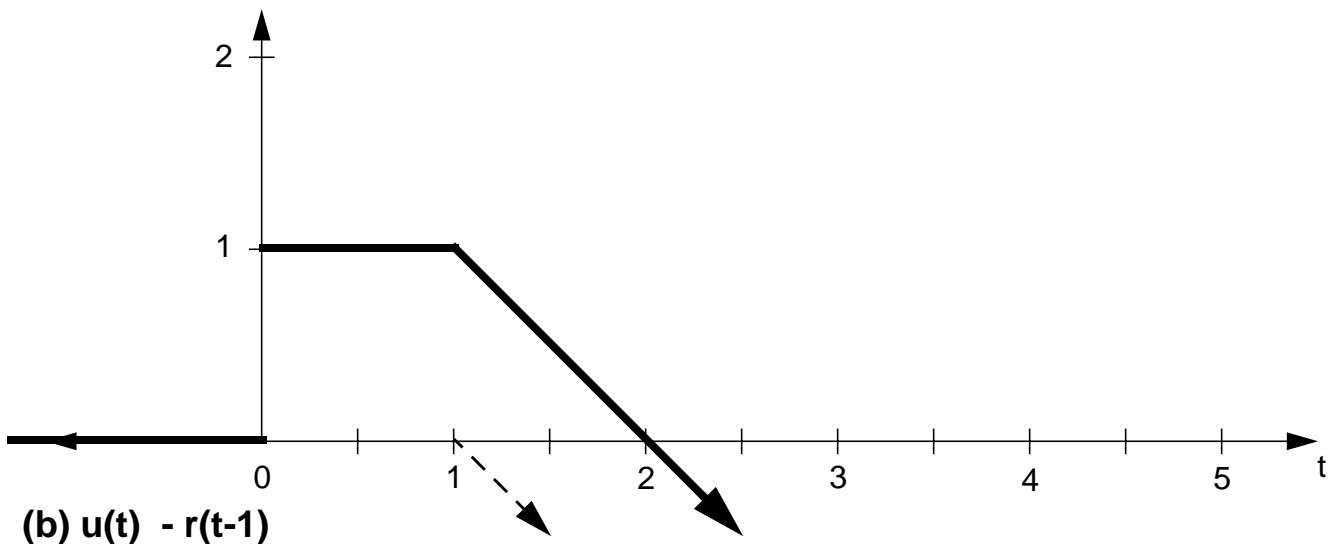


Example 1-9: A step by step approach to the solution. The solution given in class was a different solution than in the book.

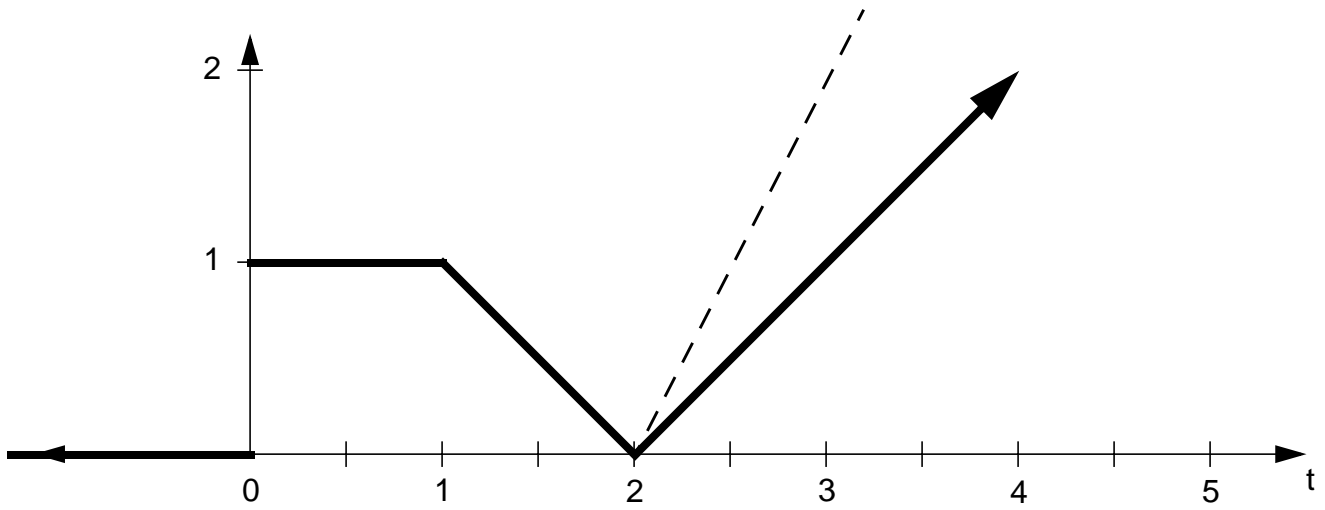


(a) $u(t)$

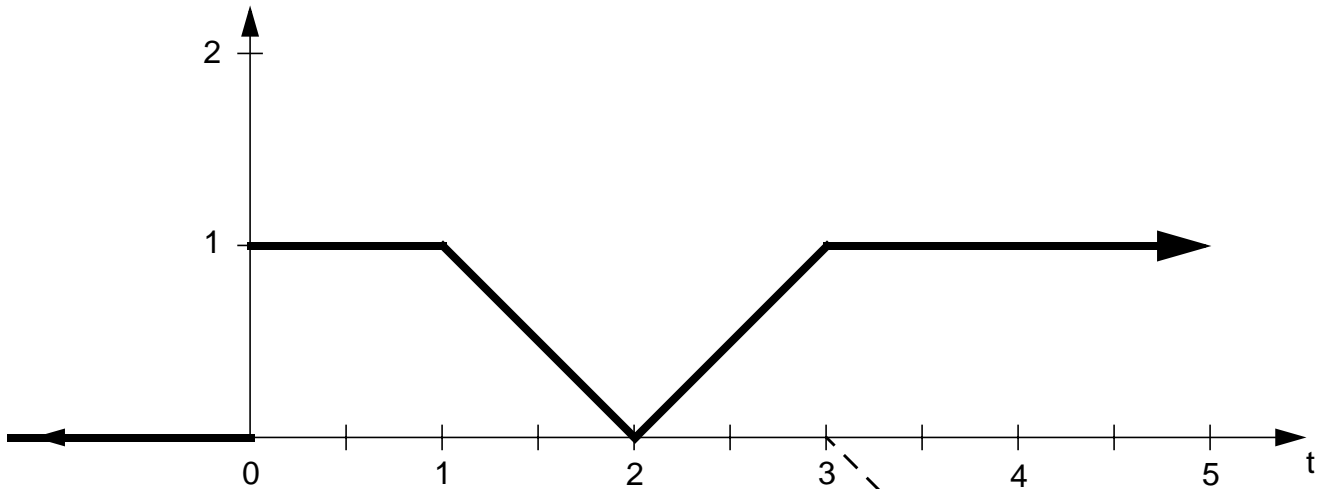


(b) $u(t) - r(t-1)$

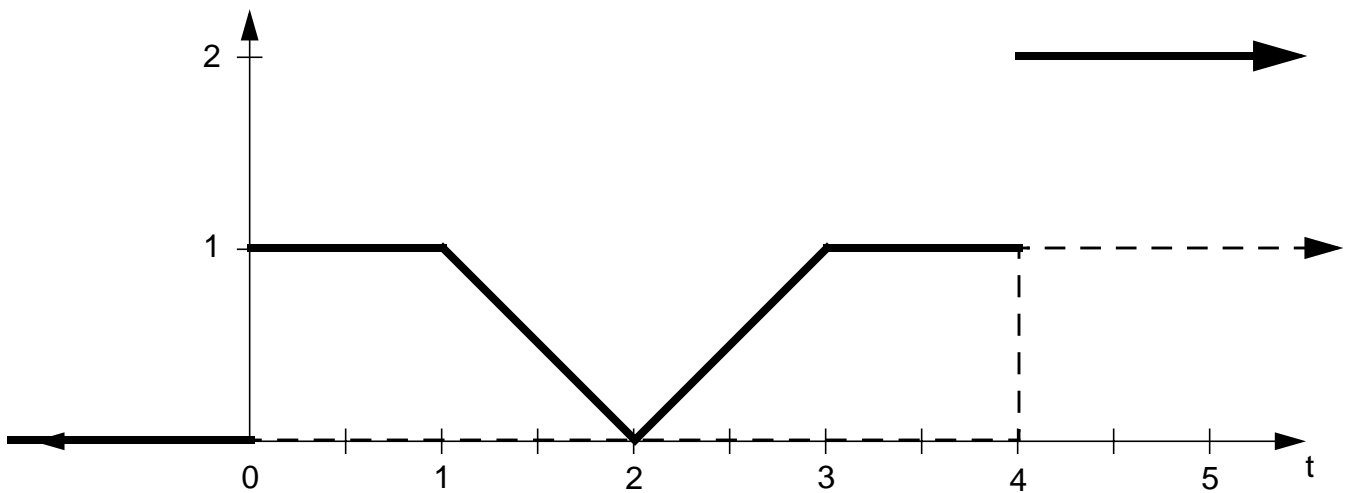




(c) $u(t) - r(t-1) + 2r(t-2)$

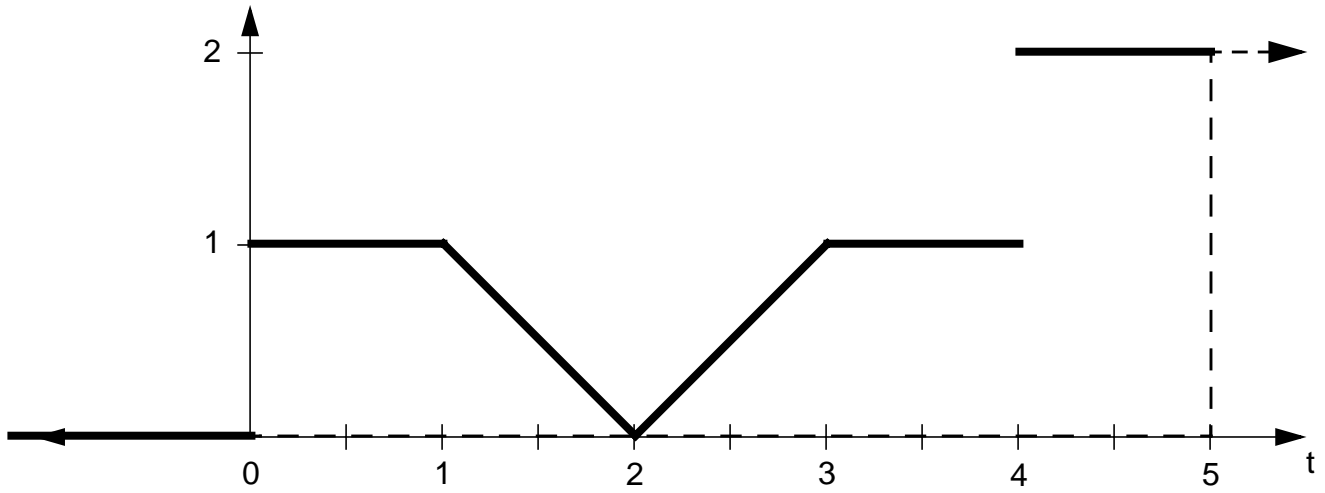


(d) $u(t) - r(t-1) + 2r(t-2) - r(t-3)$



(d) $u(t) - r(t-1) + 2r(t-2) - r(t-3) + u(t-4)$





(e) $u(t) - r(t-1) + 2r(t-2) - r(t-3) + u(t-4) - 2u(t-5)$

Note the shapes of the individual functions:

