HW7

1. 
$$\frac{1}{1}$$
  $\frac{1}{1}$   $\frac$ 

四 申均偷报则:

国为 
$$\ddot{a}_{68} = \ddot{a}_{68}: \bar{q} + v^{9} q P_{68} \ddot{a}_{77}$$
,  $q P_{68} = \frac{t_{77}}{Z_{68}}$    
  $\ddot{a}_{68} = \ddot{a}_{68}: \bar{q} = 6.59$ 

机第9个保身年度末,保费累计的椭算终值为:

为. 解因为 10 Ux = 1 - 
$$\frac{\ddot{a}_{15}}{\ddot{a}_{15}}$$
 = a1, 所以  $\frac{\ddot{a}_{15}}{\ddot{a}_{15}}$  = 0.9.

国为 10 以 = 1 - 
$$\frac{\ddot{a}_{45}}{\ddot{a}_{35}} = 0.2$$
 价以  $\frac{\ddot{a}_{45}}{\ddot{a}_{35}} = 0.8$ 

7. 
$$B \cdot A_{1} \cup P = 3 \cup Q_{X+1} + 2 \cup \cup Q_{X+1}$$
  
=7 (0.898 + 0.874) =  $\frac{1}{1.1} Q_{X+1} + \frac{1.885}{1.1} (1 - Q_{X+1})$   
 $\Rightarrow Q_{X+1} = 0.011$