

Problem Q9.1. Let

$$A = \begin{bmatrix} 651 & 23 \\ 762 & 26 \\ 856 & 30 \\ 1063 & 34 \\ 1190 & 43 \\ 1298 & 48 \\ 1421 & 52 \\ 1440 & 57 \\ 1518 & 58 \end{bmatrix}$$

and

$$b = \begin{bmatrix} 23.4 \\ 168 \end{bmatrix}.$$

Now we solve $Ab = Q = \frac{1}{5}$

$$\begin{bmatrix} 95487 \\ 110994 \\ 125352 \\ 152931 \\ 175350 \\ 192186 \\ 209937 \\ 216360 \\ 226326 \end{bmatrix}.$$