沒有星號題的答案見課本後面

Section 1-3

課本 proble 21, 23, 32*, 33, 41, 45

32 The $(i,j)^{th}$ entry of $(AB)^T$ is the $(j,i)^{th}$ entry in AB, which is

which is the $(i, j)^{th}$ entry of $B^T A^T$. Since $(AB)^T$ and $B^T A^T$ have the same size, they are equal.

Section 1-4

課本 proble 5, 27, 29, 35, 43, 49