

Solution for exercise 4.6.1 in Pitman ¹

We introduce the random variables $X_i; i = 1, 2, 3, 4$ for the arrival time of the i 'th person. For convenience X_i will be the deviation from 12 noon measured in minutes.

Question a)

Question b)

Question c)

¹Text colored in blue are buttons. In order to enable these, the document must be opened in either [Acrobat Reader](#) or [evince](#) (linux).