

Solution for exercise 3.5.4 in Pitman ¹

We define the stochastic variable X_i as the number of misprints on page i . We assume that the number of characters on each page are approximately the same and that the misprints occur independently of each other with a fixed probability for each character. We will evaluate probabilities using the Poisson distribution. We therefore [get](#).

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