

Example: Smith and Jones are independent lives aged 90 and 95 respectively, and both have mortality that follows DeMoivre's law with $\omega = 100$. Find ${}^o e_{90:95}$.

Example: In a standard common shock model, all three distributions are exponential. The expected values of $T^*(x)$ and $T^*(y)$ are 10 and 20, respectively. The probability that the deaths of (x) and (y) occur at the same time is $2/17$. Find the mean of $T(x)$.