1. The first row of the matrix represents the fecundity of offspring in a population (generally female offspring) who survive to an age of 0-10 born from a mother of the age group it’s column represents. From below that row, across the diagonal starting from row 1, column 0 until the last row and second to last column, the values represent the fraction of the population that survives in the age group specific to that column. The vector that it is multiplied by represents the number of people alive in each age group.