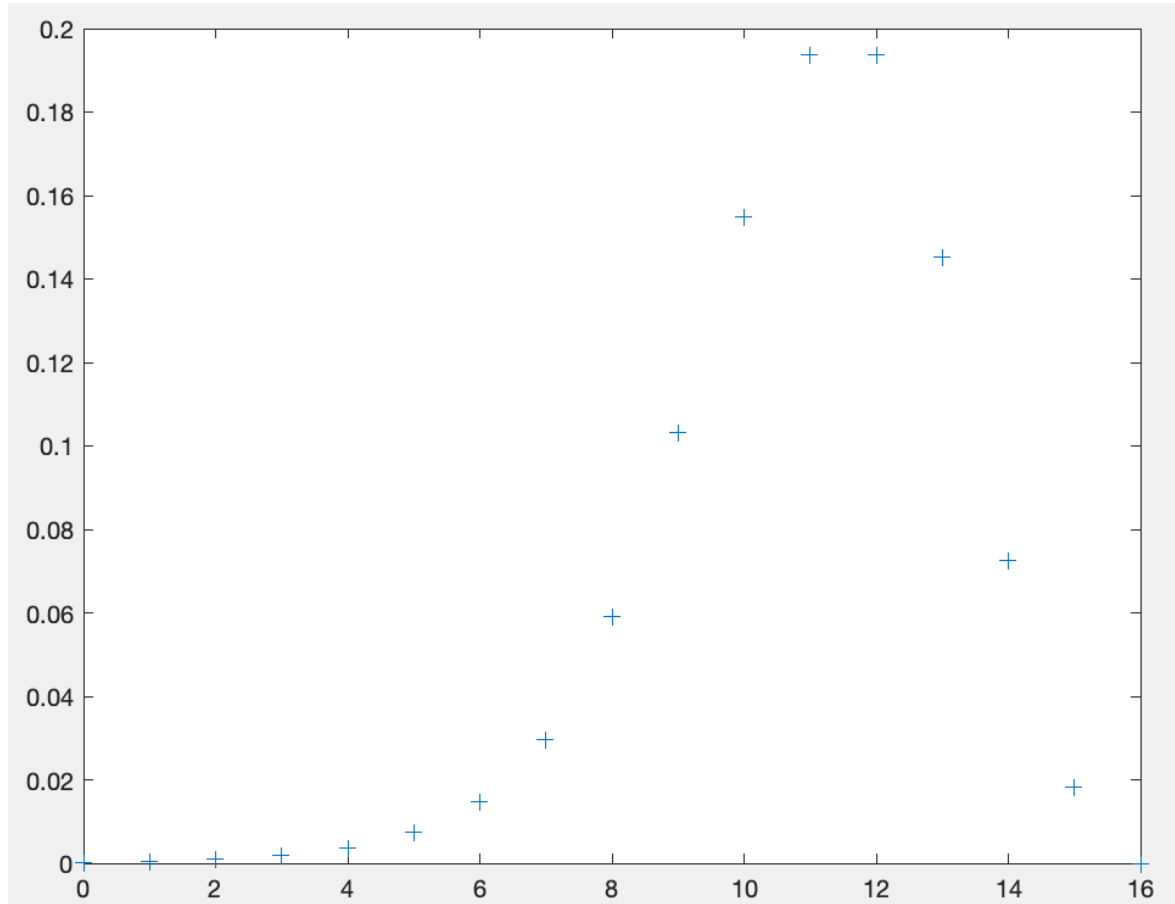


Birth Death Process

To have this assignment evaluated for the in-class exam, please upload on WeBeep a ZIP file including:

- the source code used to solve this assignment
- this file, with the table below properly filled

Name (Family + given)		Makovec Matteo																																				
Student ID (codice persona)		10782774																																				
QR-code ID (8 digits of the QR that was given you)		24499815																																				
	Probabilities of the last 7 population values		$p_{10} = 0.15503$																																			
	$p_{11} = 0.19378$	$p_{12} = 0.19378$	$p_{13} = 0.14534$																																			
	$p_{14} = 0.07267$	$p_{15} = 0.01817$	$p_{16} = 0$																																			
	Plot of the buffer length distribution:																																					
	 <table><caption>Data points for the buffer length distribution plot</caption><tr><th>Buffer Length (x)</th><th>Probability (y)</th></tr><tr><td>0</td><td>0.00000</td></tr><tr><td>1</td><td>0.00000</td></tr><tr><td>2</td><td>0.00000</td></tr><tr><td>3</td><td>0.00000</td></tr><tr><td>4</td><td>0.00000</td></tr><tr><td>5</td><td>0.00500</td></tr><tr><td>6</td><td>0.01500</td></tr><tr><td>7</td><td>0.03000</td></tr><tr><td>8</td><td>0.06000</td></tr><tr><td>9</td><td>0.10500</td></tr><tr><td>10</td><td>0.15503</td></tr><tr><td>11</td><td>0.19378</td></tr><tr><td>12</td><td>0.19378</td></tr><tr><td>13</td><td>0.14534</td></tr><tr><td>14</td><td>0.07267</td></tr><tr><td>15</td><td>0.01817</td></tr><tr><td>16</td><td>0.00000</td></tr></table>			Buffer Length (x)	Probability (y)	0	0.00000	1	0.00000	2	0.00000	3	0.00000	4	0.00000	5	0.00500	6	0.01500	7	0.03000	8	0.06000	9	0.10500	10	0.15503	11	0.19378	12	0.19378	13	0.14534	14	0.07267	15	0.01817	16
Buffer Length (x)	Probability (y)																																					
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