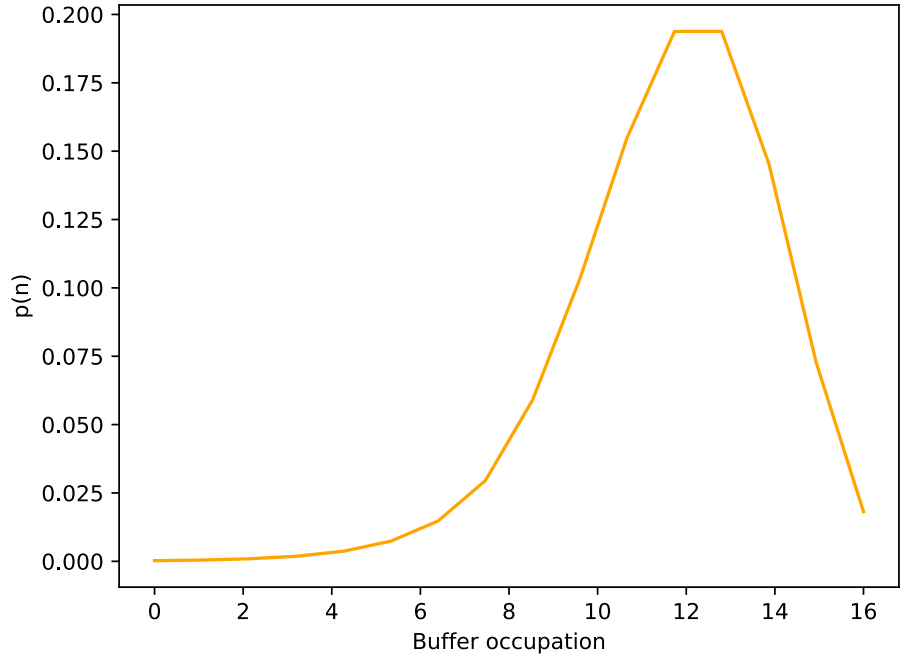


Birth Death Process

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)		Giovanni Demasi																						
Student ID (codice persona)		10656704																						
QR-code ID (8 digits of the QR that was given you)		71847928																						
	Probabilities of the last 7 population values		$p_{10} = 0,1034$																					
	$p_{11} = 0,1550$	$p_{12} = 0,1938$	$p_{13} = 0,1938$																					
	$p_{14} = 0,1453$	$p_{15} = 0,0727$	$p_{16} = 0,0182$																					
	Plot of the buffer length distribution:																							
	<div><p>Buffer occupation distribution</p><table><caption>Data points for Buffer occupation distribution</caption><tr><th>Buffer occupation (n)</th><th>Probability p(n)</th></tr><tr><td>0</td><td>0.000</td></tr><tr><td>2</td><td>0.001</td></tr><tr><td>4</td><td>0.003</td></tr><tr><td>6</td><td>0.010</td></tr><tr><td>8</td><td>0.030</td></tr><tr><td>10</td><td>0.100</td></tr><tr><td>12</td><td>0.195</td></tr><tr><td>13</td><td>0.195</td></tr><tr><td>14</td><td>0.150</td></tr><tr><td>16</td><td>0.020</td></tr></table></div>			Buffer occupation (n)	Probability p(n)	0	0.000	2	0.001	4	0.003	6	0.010	8	0.030	10	0.100	12	0.195	13	0.195	14	0.150	16
Buffer occupation (n)	Probability p(n)																							
0	0.000																							
2	0.001																							
4	0.003																							
6	0.010																							
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12	0.195																							
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14	0.150																							
16	0.020																							