

<b>1</b>	<b>Poisson Point Processes . . . . .</b>	<b>1</b>
1.1	Point Functions . . . . .	1
1.2	Point Processes . . . . .	2
1.3	Poisson Point Processes . . . . .	3
1.4	The Structure of Poisson Point Processes (1) the Discrete Case . . . . .	8
1.5	The Structure of Poisson Point Processes (2) the General Case . . . . .	12
1.6	Transformation of Poisson Point Processes . . . . .	13
1.7	Summable Point Processes . . . . .	14
1.8	The Strong Renewal Property of Poisson Point Processes . . . . .	15
	References . . . . .	18
<b>2</b>	<b>Application to Markov Processes . . . . .</b>	<b>19</b>
2.1	Problem . . . . .	19
2.2	The Poisson Point Process Attached to a Markov Process at a State $a$ . . . . .	20
2.3	The Jumping-In Measure and the Stagnancy Rate . . . . .	23
2.4	The Existence and Uniqueness Theorem . . . . .	27
2.5	The Resolvent Operator and the Generator of the Markov Process Constructed in Sect. 2.4 . . . . .	31
2.6	Examples . . . . .	42
	Reference . . . . .	43