

1	Introduction	1
	References	6
2	Asymptotics	9
2.1	Asymptotic Behavior of Student's Pdf	9
2.2	Asymptotic Distributions for Extremal and Record Values	13
	References	19
3	Preliminaries of Lévy Processes	21
3.1	Lévy-Itô Decomposition	21
3.2	Self-Decomposable Lévy Processes	24
3.3	Lévy Subordinators	28
3.4	Subordinated Lévy Processes	38
	References	39
4	Student-Lévy Processes	41
	References	50
5	Student OU-Type Processes	51
	References	56
6	Student Diffusion Processes	57
6.1	H-Diffusions	57
6.2	Student Diffusions	61
6.3	Point Measures of ε -Upcrossings for Student Diffusions	66
6.4	Kolmogorov-Pearson Diffusions	69
	References	74
7	Miscellanea	77
7.1	Mixed Moments of Student's t -Distributions	77

7.2 Long-Range Dependent Stationary Student Processes.	81
7.3 Lévy Copulas	87
References	90
Appendix A: Bessel Functions	93
Index	97