

TABLE OF CONTENTS

	PROSPECTUS	III
	INTRODUCTION	1
I	DEFINITIONS AND NOTATION	6
II	A RANDOM WALK PROBLEM	14
III	INTEGRAL CLOSURE AND COHEN-MACAULEYNESS	28
IV	PROJECTIVE R_K -MODULES ARE FREE	41
V	STATES ON IDEALS	44
VI	FACTORIALITY AND INTEGRAL SIMPLICITY	50
VII	MEET-IRREDUCIBLE IDEALS IN R_K	60
VIII	ISOMORPHISMS	67
	APPENDIX A : Calculation of $\text{Pic } R_p$	89
	APPENDIX B : More on the fixed-point algebra.....	101
	APPENDIX C : Variable polynomials.....	105
	APPENDIX D : Examples from reflection groups	109
	APPENDIX E : Legendre transformation.....	120
	REFERENCES	129
	INDEX	131
	SYMBOL LIST	134
	LIST OF LEMMAS, PROPOSITIONS, THEOREMS, etc.	135