## Appendix

	$\Lambda^r$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	$\Lambda^r$	0	0	0	0	0	$-\Lambda^r$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	$\Lambda^r$	$-\Lambda^r$	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$\Lambda^r$	0	0	0	0	0	$-\Lambda^r$	0	0	0	0	0	0
	0	0	0	0	0	$\Lambda^r$	0	0	0	0	0	$-\Lambda^r$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$\Lambda^r$	0	$-\Lambda^r$	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$\Lambda^r$	0	$-\Lambda^r$	0	0
	0	0	0	0	0	I	0	0	0	0	0	0	0	0	0	0	-I	0	0	0	0	0	0	0	0	0	0	0
A =	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	I	0	0	-I	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	I	-I	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$\Lambda^r$	$-\Lambda^r$	0	0	0	0	0	0	0	0	0
	0	I	0	0	0	0	-I	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	I	0	0	0	-I	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	$\Lambda^r$	0	$-\Lambda^r$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	$\Lambda^r$	0	$-\Lambda^r$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	$\Lambda^r$	$-\Lambda^r$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	I	0	0	0	-I	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

 $\Lambda^r$  $\Lambda^r$  $\Lambda^r$  $\Lambda'$  $\Lambda^p$  $\Lambda^p$  $0 \Lambda^r$  $\Lambda^r$  $\Lambda^p$  $\Lambda^p$