

	I⊗I	I⊗X	I⊗Y	I⊗Z	X⊗I	X⊗X	X⊗Y	X⊗Z	Y⊗I	Y⊗X	Y⊗Y	Y⊗Z	Z⊗I	Z⊗X	Z⊗Y	Z⊗Z
I⊗I	(0.19742-0j)	(0.00072+0j)	(-0-0.00089j)	(0.00198+0.00028j)	(0.00315+0.00407j)	(0.00173-0.00216j)	(0.00124-0.00545j)	(0.00783-0.00067j)	(0.00511-0.00088j)	(0.00193-0.00031j)	(0.00312+0.00087j)	(0.00011-0.00285j)	(0.00089+0j)	(-6e-05+0j)	-0.00194j	(-0.00499+0.09197j)
I⊗X	(0.00072+0j)	(-0.041-0j)	(0.00028-0j)	(0.00089+0j)	(0.00173-0.00216j)	(0.00051+0.00222j)	(0.00142+0.00231j)	(0.00545+0.00124j)	(0.00193-0.00031j)	(0.00133-0.00166j)	(0.00071+0.00025j)	(0.00087+0.00312j)	(-6e-05+0j)	(0.00116+0j)	(0.09197+0j)	(0.00194+0j)
I⊗Y	0.00089j	(0.00028+0j)	(0.041-0j)	(-0+0.00072j)	(-0.00124+0.00545j)	(0.00142+0.00231j)	(0.00051-0.00222j)	(0.00216+0.00173j)	(0.00312-0.00087j)	(0.00071+0.00025j)	(0.00133+0.00166j)	(0.00031+0.00193j)	(-0+0.00194j)	(0.09197+0j)	(-0.00116-0j)	(-0-6e-05j)
I⊗Z	(0.00198-0.00028j)	(0.00089+0j)	-0.00072j	(0.27942+0j)	(-0.00322+0.00217j)	(0.00545+0.00124j)	(0.00216-0.00173j)	(0.00214-0.00037j)	(0.00039-0.00427j)	(0.00087+0.00312j)	(0.00031-0.00193j)	(0.00244+0.00244j)	(0.00499-0.09197j)	(0.00194+0j)	6e-05j	(-0.00143-0j)
X⊗I	(-0.00315-0.00407j)	(0.00173+0.00216j)	(0.00124-0.00545j)	(0.00322-0.00217j)	(0.01229-0j)	(-0.00072+0j)	(-0+0.00101j)	(-0.00198+0.00028j)	(-0+3e-05j)	6e-05j	(-0.0011+0j)	(0.0012+0.00499j)	(0.00088-0.00511j)	(0.00031+0.00193j)	(0.00087-0.00312j)	(0.00427+0.00039j)
X⊗X	(0.00173+0.00216j)	(0.00051-0.00222j)	(0.00142-0.00231j)	(0.00545-0.00124j)	(-0.00072+0j)	(0.00071-0j)	(0.00028-0j)	(-0.00101-0j)	6e-05j	-0.00024j	(-0-0.0012j)	-0.0011j	(-0.00031+0.00193j)	(0.00166-0.00133j)	(0.00025+0.00071j)	(0.00312-0.00087j)
X⊗Y	(0.00124+0.00545j)	(0.00142-0.00231j)	(0.00051+0.00222j)	(0.00216+0.00173j)	-0.00101j	(0.00028+0j)	(-0.00071-0j)	(-0-0.00072j)	(0.0011+0j)	(-0-0.0012j)	0.00024j	(-6e-05-0j)	(0.00087+0.00312j)	(0.00025+0.00071j)	(0.00166+0.00133j)	(0.00193-0.00031j)
X⊗Z	(0.00783+0.00067j)	(0.00545-0.00124j)	(0.00216-0.00173j)	(0.00214+0.00037j)	(0.00198-0.00028j)	(-0.00101-0j)	0.00072j	(0.01087-0j)	(-0.0012+0.00499j)	-0.0011j	(6e-05+0j)	0.00051j	(-0.00285-0.00011j)	(0.00312-0.00087j)	(0.00193+0.00031j)	(0.00244-0.00244j)
Y⊗I	(-0.00511+0.00088j)	(0.00193+0.00031j)	(0.00312+0.00087j)	(0.00039+0.00427j)	-3e-05j	(-0-6e-05j)	(0.0011-0j)	(-0.0012-0.00499j)	(0.01229-0j)	(-0.00072+0j)	(-0+0.00101j)	(-0.00198+0.00028j)	(0.00407+0.00315j)	(0.00216-0.00173j)	(0.00545+0.00124j)	(0.00217+0.00322j)
Y⊗X	(0.00193+0.00031j)	(0.00133+0.00166j)	(0.00071-0.00025j)	(0.00087-0.00312j)	(-0-6e-05j)	(-0+0.00024j)	0.0012j	0.0011j	(-0.00072+0j)	(0.00071-0j)	(0.00028-0j)	(-0.00101-0j)	(0.00216-0.00173j)	(0.00222+0.00051j)	(0.00231+0.00142j)	(0.00124-0.00545j)
Y⊗Y	(0.00312-0.00087j)	(0.00071-0.00025j)	(0.00133-0.00166j)	(0.00031+0.00193j)	(-0.0011-0j)	0.0012j	(-0-0.00024j)	(6e-05+0j)	-0.00101j	(0.00028+0j)	(-0.00071-0j)	(-0-0.00072j)	(0.00545-0.00124j)	(0.00231+0.00142j)	(0.00222-0.00051j)	(0.00173+0.00216j)
Y⊗Z	(0.00011+0.00285j)	(0.00087-0.00312j)	(0.00031-0.00193j)	(0.00244-0.00244j)	(0.0012-0.00499j)	(-0+0.0011j)	(-6e-05-0j)	(-0-0.00051j)	(-0.00198-0.00028j)	(-0.00101-0j)	0.00072j	(0.01087-0j)	(0.00067+0.00783j)	(0.00124-0.00545j)	(0.00173-0.00216j)	(0.00037+0.00214j)
Z⊗I	(0.00089-0j)	(-6e-05+0j)	-0.00194j	(-0.00499+0.09197j)	(0.00088+0.00511j)	(0.00031-0.00193j)	(0.00087-0.00312j)	(0.00285+0.00011j)	(0.00407-0.00315j)	(0.00216+0.00173j)	(0.00545+0.00124j)	(0.00067-0.00783j)	(0.19742-0j)	(0.00072+0j)	(-0-0.00089j)	(0.00198+0.00028j)
Z⊗X	(-6e-05+0j)	(0.00116+0j)	(0.09197+0j)	(0.00194+0j)	(-0.00031-0.00193j)	(0.00166+0.00133j)	(0.00025-0.00071j)	(0.00312+0.00087j)	(0.00216+0.00173j)	(0.00222-0.00051j)	(0.00231-0.00142j)	(0.00124+0.00545j)	(0.00072+0j)	(-0.041-0j)	(0.00028-0j)	(0.00089+0j)
Z⊗Y	(-0+0.00194j)	(0.09197+0j)	(-0.00116-0j)	(-0-6e-05j)	(-0.00087+0.00312j)	(0.00025-0.00071j)	(0.00166-0.00133j)	(0.00193-0.00031j)	(0.00545-0.00124j)	(0.00231-0.00142j)	(0.00222+0.00051j)	(0.00173+0.00216j)	0.00089j	(0.00028+0j)	(0.041-0j)	(-0+0.00072j)
Z⊗Z	(0.00499-0.09197j)	(0.00194+0j)	6e-05j	(-0.00143-0j)	(-0.00427-0.00039j)	(0.00312+0.00087j)	(0.00193+0.00031j)	(0.00244+0.00244j)	(0.00217-0.00322j)	(0.00124+0.00545j)	(0.00173-0.00216j)	(0.00037-0.00214j)	(0.00198-0.00028j)	(0.00089+0j)	-0.00072j	(0.27942-0j)