

Table 1: Criteria and entanglement spectrum (ES) for categorizations on non-Hermitian free systems as well as two examples. We obtain two types of non-Hermitian free systems according to whether at least one Θ in Eq. (8) exists to commute with a real space partition \mathcal{R}_o .

	Criteria	ES	Example
Type-I	At least one Θ commutes with \mathcal{R}_o	Real	Non-reciprocal model [Sec. 4.1]
Type-II	No Θ commutes with \mathcal{R}_o	Real or complex	non-Hermitian SSH model [Sec. 4.2]