

Normal operator $T^\dagger T = T T^\dagger$

Unitary operator $T^\dagger = T^{-1}$

Hermitian operator $T^\dagger = T$

Projection
operator

$$T^\dagger = T$$

$$T^2 = T$$

Positive operator $\langle \psi | T^\dagger | \psi \rangle \geq 0$

Eigenvalues ± 1
e.g. Pauli operators

Identity operator

