

List of Symbols

<i>Symbol</i>	<i>Description</i>
$ 0\rangle, 1\rangle, +\rangle, -\rangle$	Quantum states representing qubits
ρ	Density operator
$\sigma_x, \sigma_y, \sigma_z$	Pauli spin operators
I	Identity operator
$ \psi\rangle$	An arbitrary quantum state
\otimes	Tensor product
H	Hilbert space
Tr	Trace operation
U	Unitary operator
E	Entanglement of formation
γ_s	Schmidt number
C	Concurrence
τ	Three-tangle
σ	Sigma
N	Negativity
$\$$	Payoff
u_i	Utilities
w	Weights
p_d	Probability of detection of an eavesdropper
$ \psi^\pm\rangle, \phi^\pm\rangle$	Bell states
$ \chi\rangle$	Chi states
$ \omega\rangle$	Omega states
$I(\rho)$	Mutual information
D_A	Quantum discord
D_G	Geometric discord
η^{eff}	Efficiency of a PP protocol
$wk(w)$	Weak measurement operation
$wkrev(w_r)$	Weak measurement reversal operation
B	Bell operator
\oplus_2	Addition modulo 2
I_α^β	Bell-type operator

