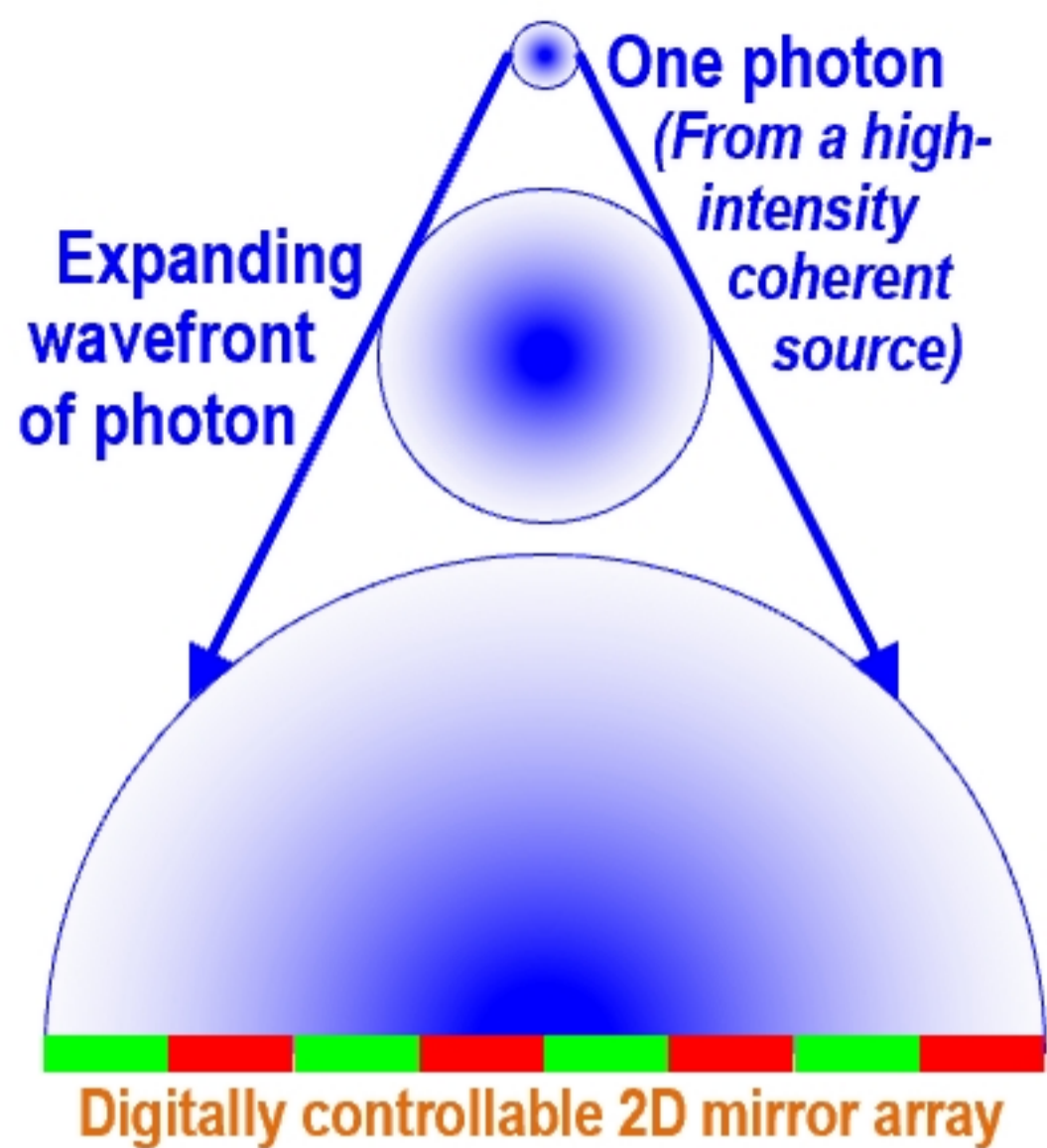
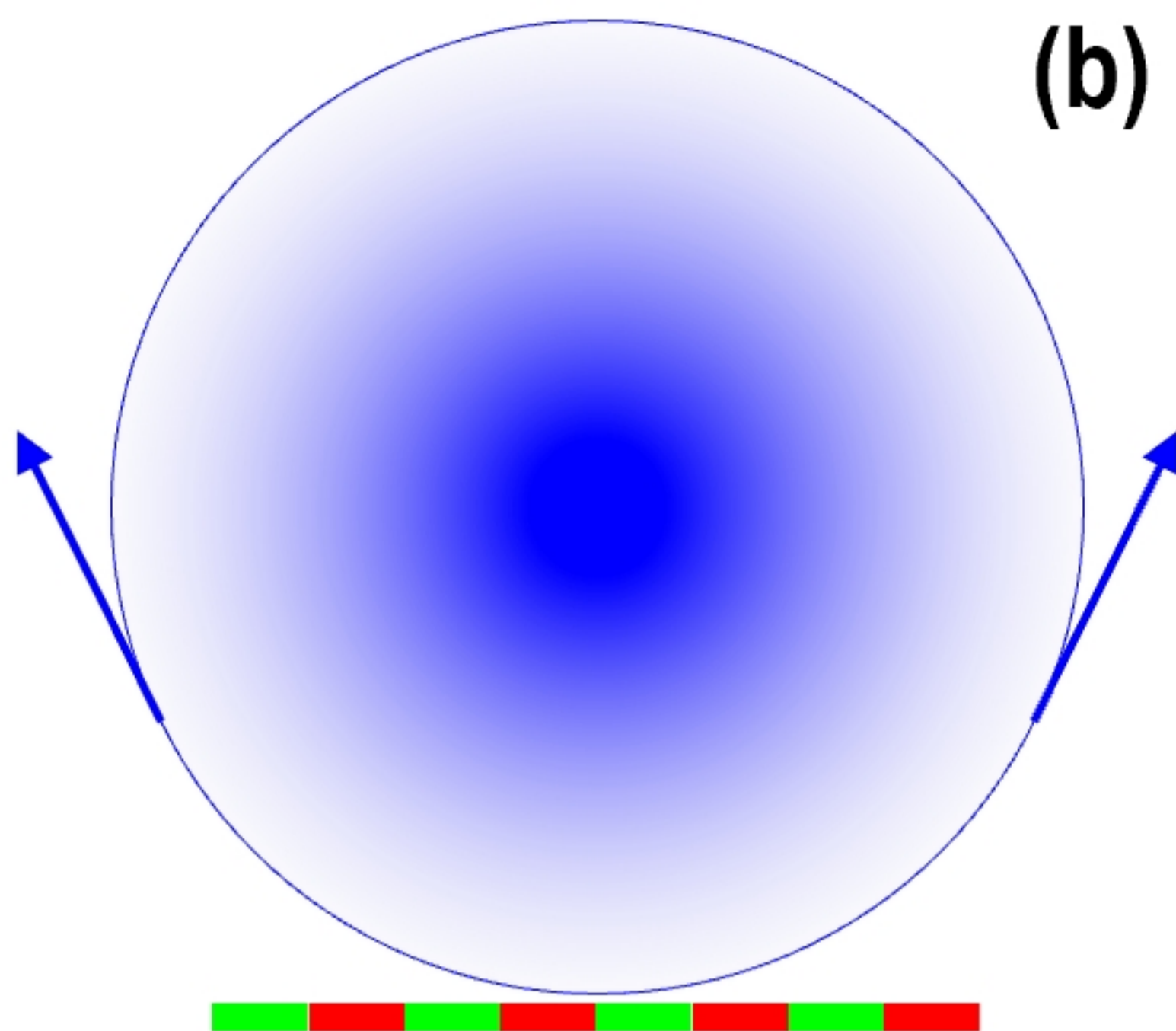
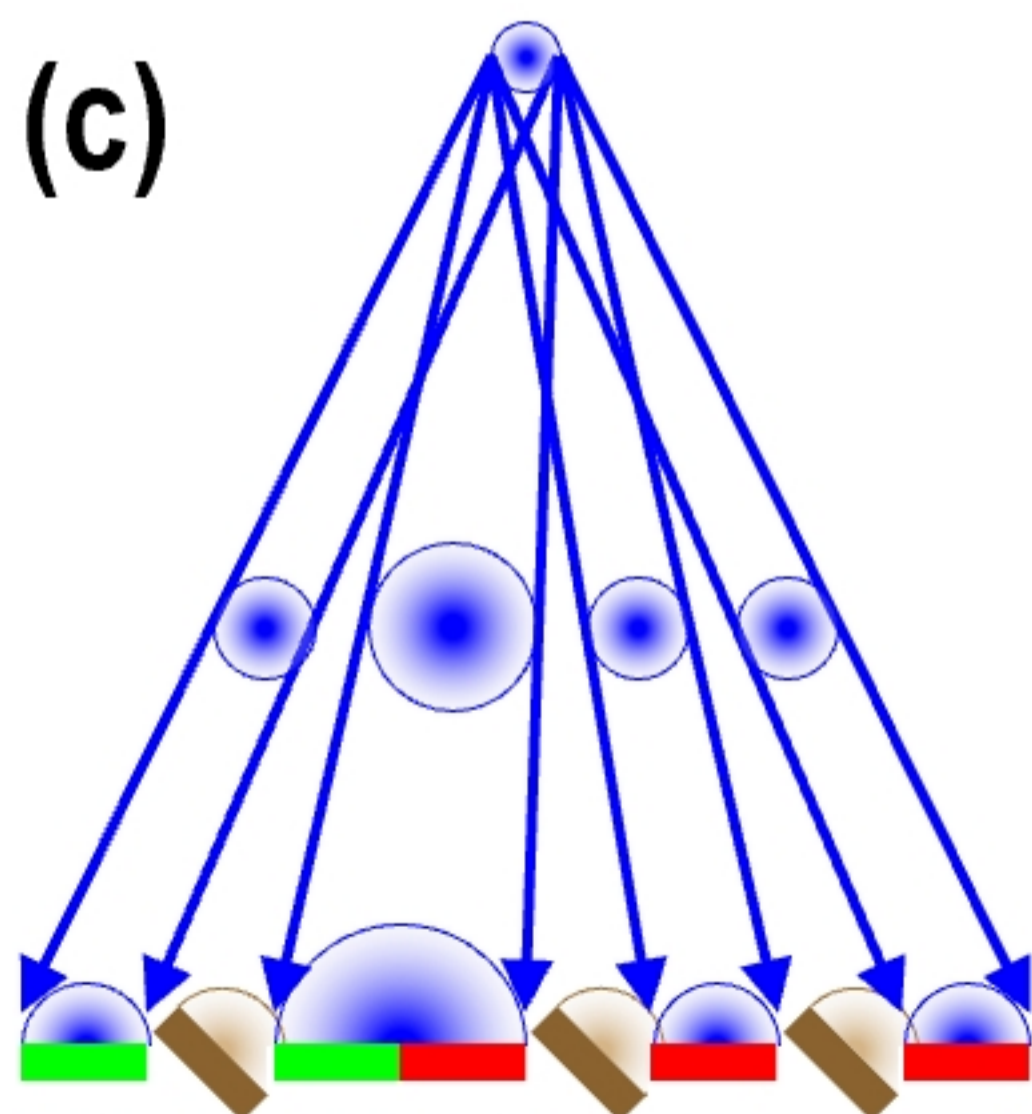


**(a)**

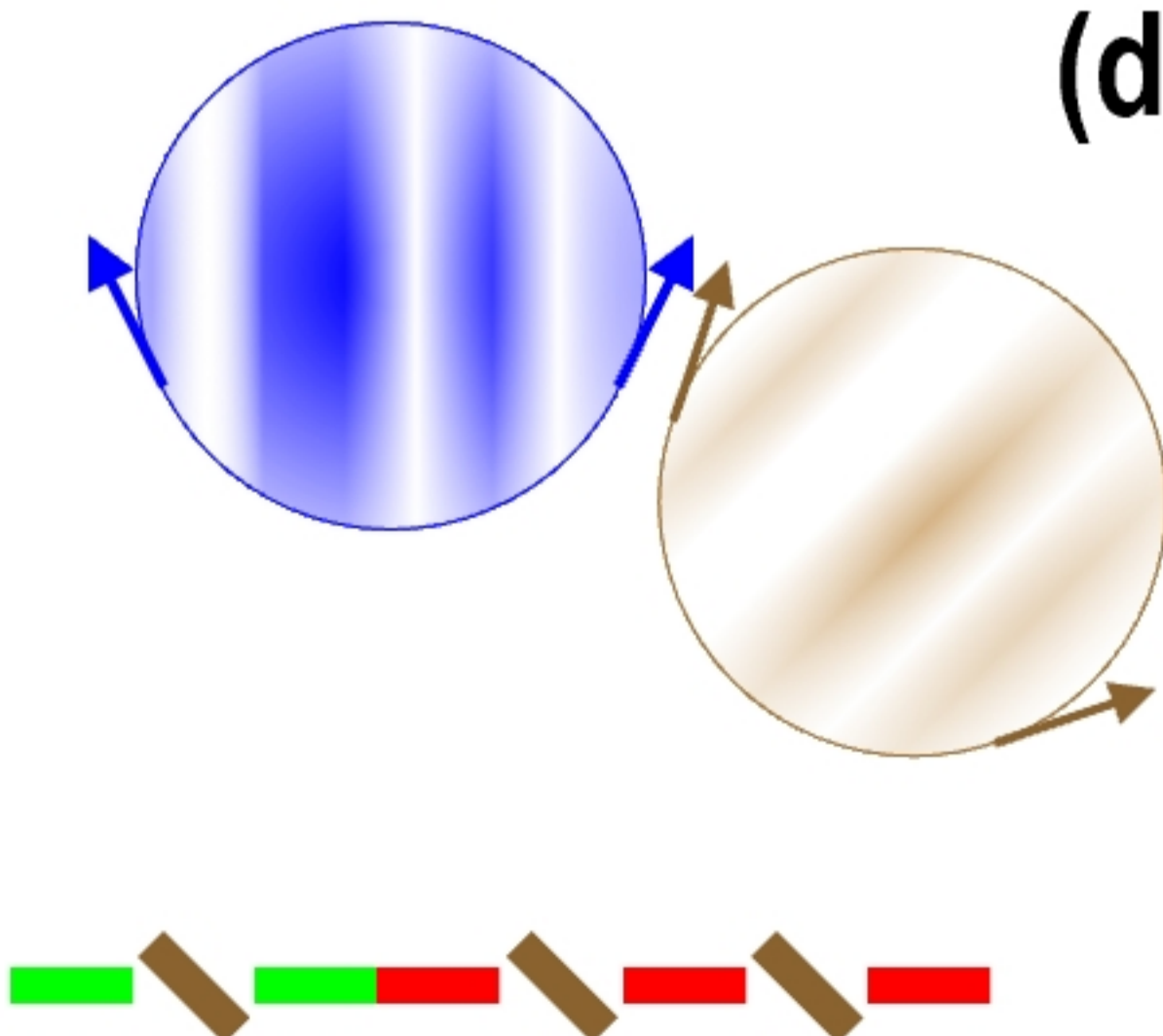
*Digital multi-mirror device in all-flat, full-coherence specular reflection mode*

**(b)**

*No signal (no qubits) are encoded onto the reflected photon.*

**(c)**

*Tilted mirrors split photon into two patterns*  
*Selected mirrors split the wave into two complementary entangled qubits patterns*

**(d)**

*Complementary patterns separate but remain internally entangled. Either can be detected.*