

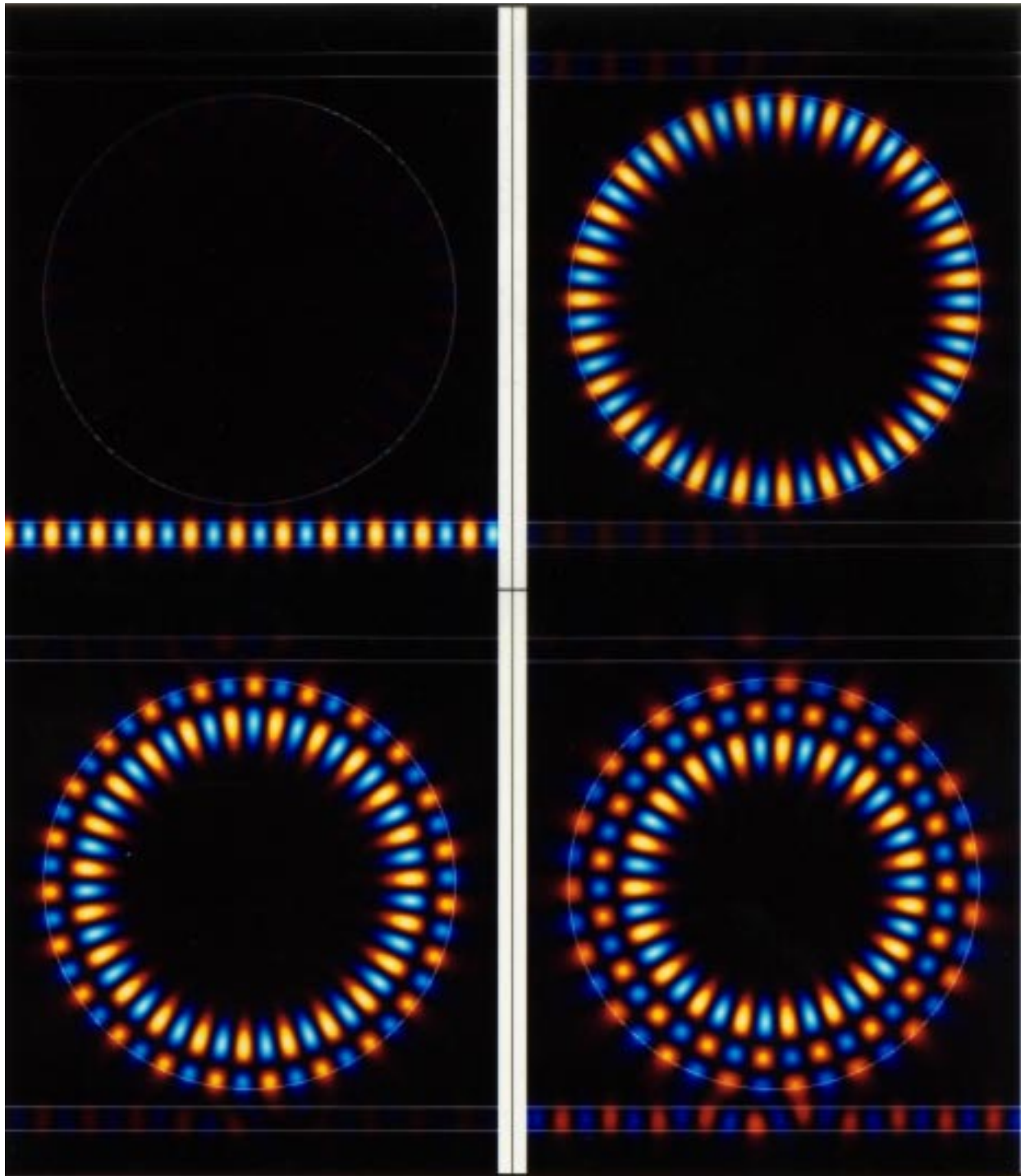


Fig. 5. False-color visualizations illustrating the sinusoidal steady-state optical electric field distributions in a 5.0- μm -diameter GaAlAs microdisk resonator coupled to straight 0.3- μm -wide GaAlAs optical waveguides for single-frequency excitations propagating to the right in the lower waveguide [5]. Upper left—off-resonance signal; Upper right—on-resonance signal, first-order radial mode; Lower left—second-order radial-mode resonance; Lower right—third-order radial mode resonance.