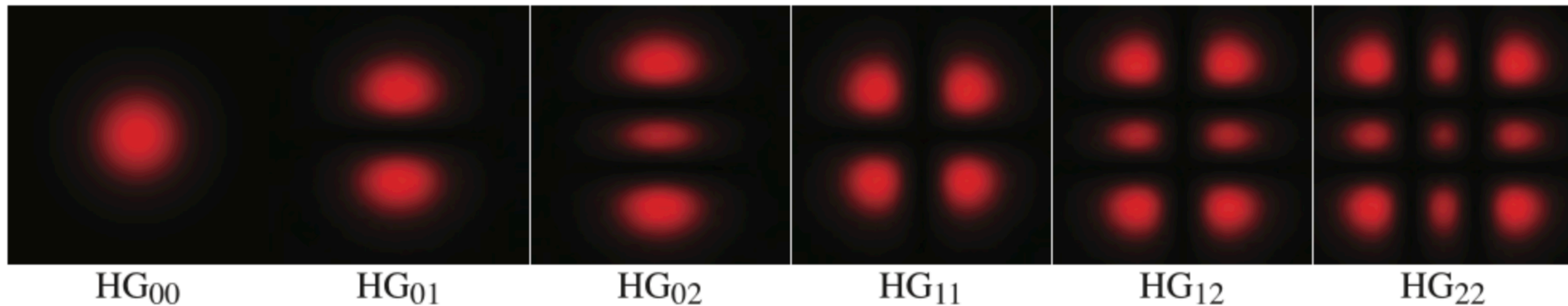


# Higher-order modes



**Figure 3.3-2** Intensity distributions of several low-order Hermite–Gaussian beams,  $HG_{lm}$ , in the transverse plane. The  $HG_{00}$  beam is the elementary Gaussian beam displayed in Fig. 3.1-1.