Spatial light modulators

An optically addressable spatial light modulator comprises an electrically conducting dielectric mirror 3 with a phototransistor array 1 at one face and a semiconductor light modulator 2 at the other face. The light modulator may be a quantum well structure or a bulk semiconductor Franz-Keldysh modulator. The spatial light modulator is preferably formed of layers of gallium arsenide and gallium aluminium arsenide.

Fig. 2.