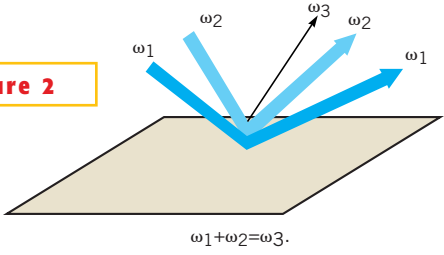


Figure 2



In sum-frequency generation, a new photon is created at an energy value that is equal to the sum of the two initial photons.