

# Physics II

## Light dispersion

**Problem 1.-** Glass prisms disperse light, separating white in different colors. How do you explain this in terms of index of refraction? And, what color is deflected more, red, or blue?

**Solution:** Glass has different indexes of refraction for different colors. That is why white light is dispersed by glass prisms. The index of refraction of blue light is larger than the one of red light, so **blue** deflects more than red.