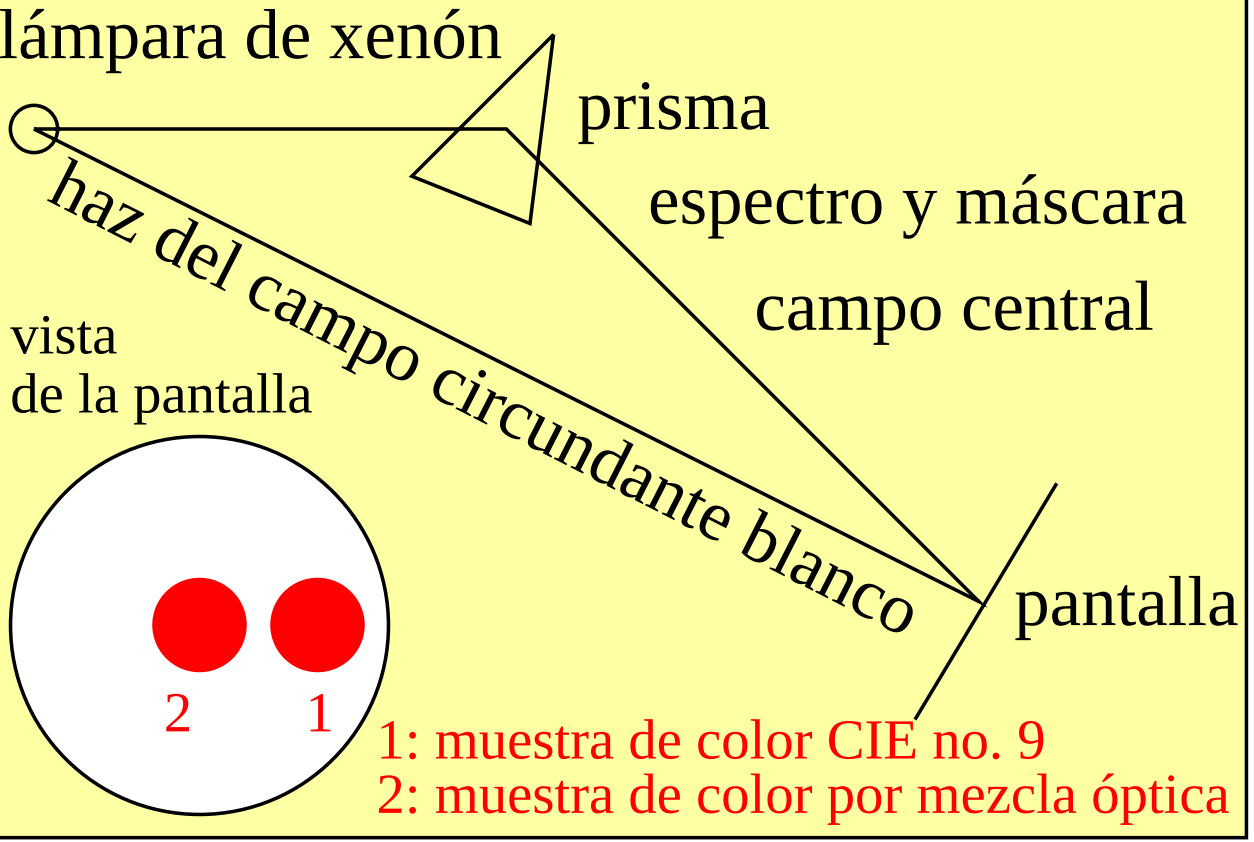principio de un integrador espectral