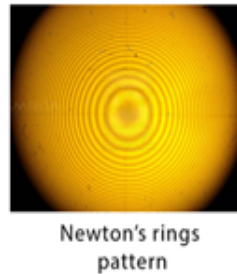
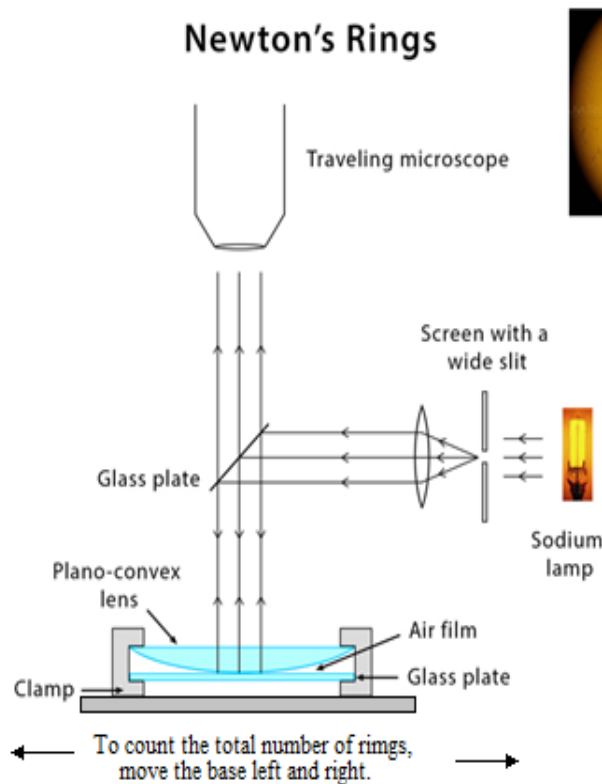


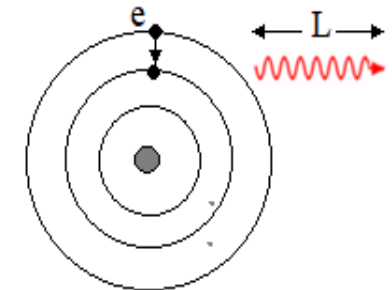
# How many rings are to be formed in Newton's ring experiment?

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*How many rings are to be formed?*  
-Issac Newton



*Transition time of electron while emitting light wave is finite. Therefore, the total length of the emitted wave must be finite. If it contains 'n' number of wavelengths then there should be 'n' number of rings formed. However, it will be difficult to count them but one can estimate approximately. However, Air-wedge method is suitable than the Newton's ring experiment. Thus, the total length of single light wave is,  $L = \lambda.n$ . For sodium atom, n is greater than 500. How can such a long wave act as a photon? Einstein knows!*

- Ghanshyam Jadhav 

*IOSR-JAP, Volume 14, Issue 2 Ser. I (Mar. - Apr. 2022), PP 42-46*  
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