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Optics of optical devices



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Introduction

- Prior to proceeding with the details of each LVD one must know different types of magnification .
- Telescope is the only optical device for intermediate and distance tasks.



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Optics of Telescopes

There are 2 types of telescopes

1. **Galilean Telescope**
2. **Keplerian Telescope**



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- It consists of two elements.
 - 1) objective lens
 - 2) eye piece
- Parallel rays of light strike the convergent objective lens and images formed at the second focal point of lens.

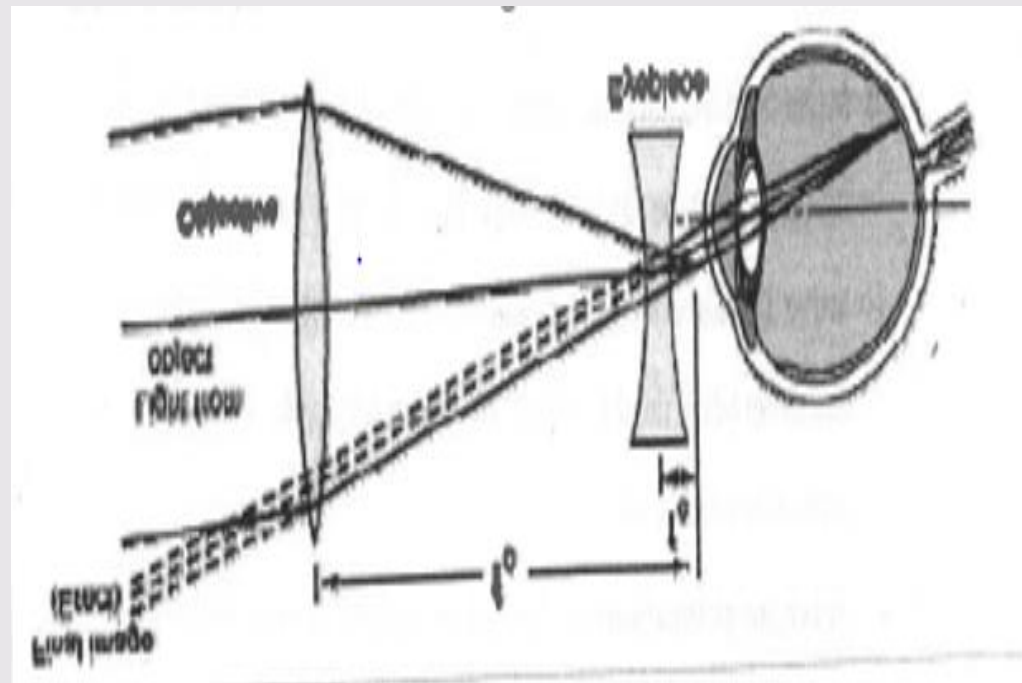


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- Finally either an erect virtual magnified image or an inverted real magnified image is formed .





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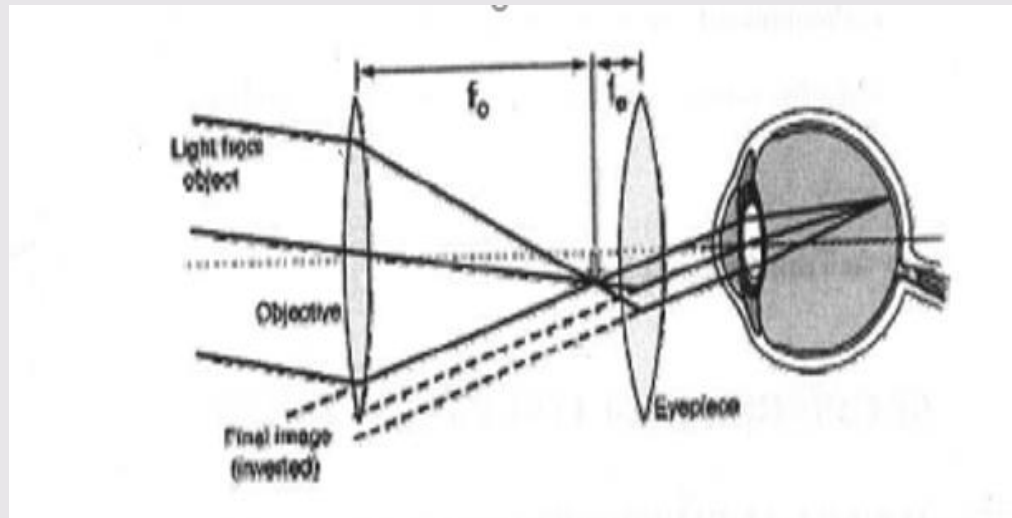


Fig no 2: optics of Keplerian Telescope



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REFERENCE

- **LOW VISION REHABILITATION MANUAL ,
Rituparna Ghoshal , chapter no – 6 , PAGE NO
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