



The Telescope

By John Frederick William Herschel

Theclassics.us, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1861 edition. Excerpt: . OF THE METHODS PRACTISED IN THE ACTUAL CONSTRUCTION OF LENSES AND SPECULA. (84.) Having thus described the principal combinations of refracting and reflecting surfaces, which have been devised for the construction of telescopes, it remains to say something of the practical means which have been adopted for the actual manufacture of the specula and lenses. They require a delicate and difficult art, especially as regards the former, where parabolic, elliptic, or hyperbolic figures have to be communicated to the polished surfaces in the very act of polishing them. In the case of lenses, as we have seen, all the requisites of a perfect telescope can be attained by the use of truly spherical surfaces, and these it is comparatively easy to form, by reason of the natural tendency of two surfaces which grind each other by equable rubbing over every part, to work...



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