

# SOFTWARE FOR COMPLETE DESIGN OF THE KEPLER TELESCOPE

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**Abstract:** The paper presents a complete algorithm to design aphocal optical systems (Figure 1) and appropriate software written as a Visual Basic application (Figure 2). The program achieves an automated design of aphocal optical systems. A large data basis containing full information on objectives and eyepieces is available to choose using image quality criteria.

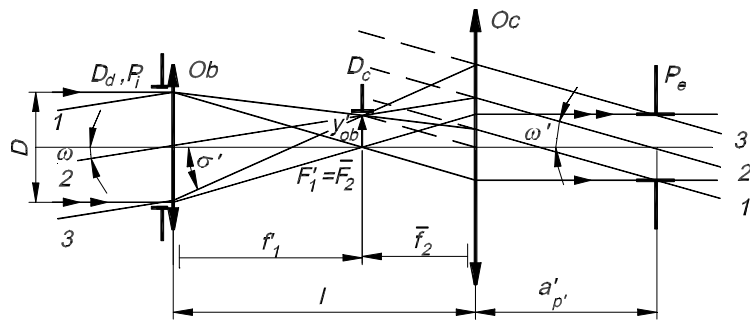


Figure 1. Optical scheme of the Kepler telescope

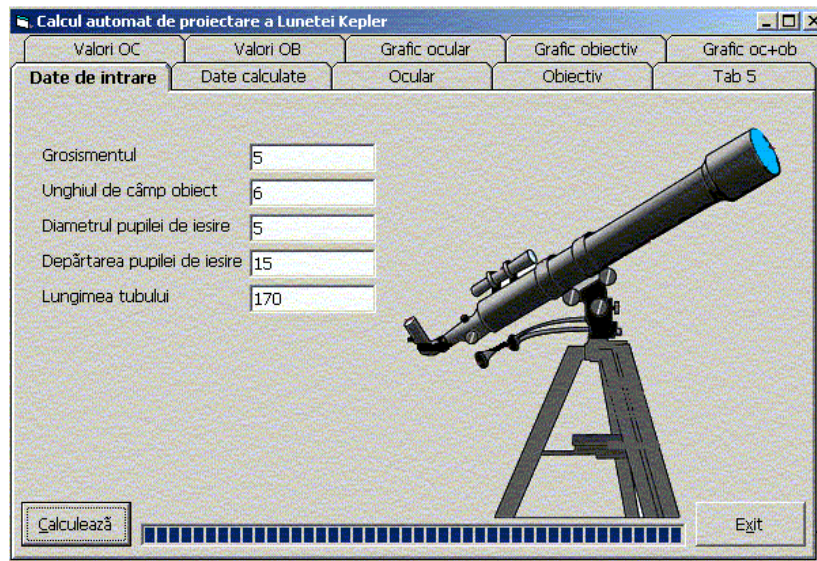


Figure 2. Graphical interface of the VB application

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