

# **BIL3** Binarity as the tool for determining physical properties and evolutionary aspects of A-stars

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Double-lined eclipsing binaries are the essential systems for *measurement* of stellar mass and radius. There are about 50-60 systems whose components (mostly A-stars) are known very accurately, with an uncertainty less than 1-2 %. Therefore, these systems are very suitable to improve our understanding of stellar structure and evolution. In this lecture, the recent improvements in this field is reviewed and special attention is given to the assesment of the role of internal rotation of the early-type stars.

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