

SHELL MODEL PARAMETERS OF A STAR WITH THE R CORONAE BOREALIS TYPE VARIABILITY

Alexander E. Rosenbush

*Main Astronomical Observatory of the National Academy of Sciences of the Ukraine, Zabolotnoho str. 27, 03680
Kyiv, Ukraine. e-mail: aeros@mao.kiev.ua*

Based on current observational data, the revised model of spherical homogenous circumstellar shell is offered for an interpretation of visual light minima of stars with the R Coronae Borealis type variability. In this model, a light minimum is connected with the formation of one more shell. The structure of circumstellar environment of a star with the R Coronae Borealis type variability during a visual light minimum and in a quiet state is described. Some physical and geometrical parameters of circumstellar shells are presented. The sequence of light minimum development is given.