Spectroscopic Analysis of Titanium Oxide Presence in Stars

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In this study, a spectroscopic data analysis of Titanium Oxide Presence in stars will be presented and the elemental composition will be discussed. The experimental procedure consisted of analyzing spectra graphs and data from astronomical databases. Titanium Oxide emission and absorption of stars will be presented using spectra graphs and through data charts and will be analyzed using a Hertzsprung-Russel diagram. The data collected will help begin to solve the mystery of the presence of titanium oxide in stars.

Awards Won:

European Organization for Nuclear Research-CERN: Second Award of $1,500