

DJORDJE STANOJEVIĆ AND LIGHT

In the time when the electromagnetic nature of light was confirmed, spectroscopy and photography were applied in astronomy, and the exploitation of electricity just started, impressions about light made the most significant influence on the life choices of a young and talented Serbian student, both theoretically and practically. Stanojević was professionally occupied with the natural source of light – the Sun – as well as with the artificial source – the electric light. From the very beginning of his career, he wrote on inventions such as the photophone, light motor, and spectroscope. After publishing a work on positional astronomy he participated in astrophysical studies of the Sun, while later was dedicated to the electrification of Serbian cities and photography. Alongside his study of the Sun and his advocacy for the use of electric lighting, he taught about the history of the science of light. In his extensive book "From the Science of Light," published in 1895, he summarized knowledge about optical phenomena with the aim of enlightening people.

Key words: Đorđe Stanojević, electrification, spectroscopy, history of physics