

The Mathematical Characterization of 19th Century Enlightenment on Ottoman Architecture

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The interest of the Ottoman Empire in the Western world began in the first decade of the 18th century and continued into the 19th century. This is especially true in the regions of Sultan Mahmud II, Sultan Abdulmecid, Sultan Abdulaziz, and Sultan Abdulhamid II. The most important factor of the path of bringing Western philosophy into the Ottoman Empire was French Enlightenment. It can be said that Ottoman Tanzimat was built up because of the effects of French Enlightenment and its reforms. In the Ottoman Tanzimat period, Ottoman Architecture was also affected by French Enlightenment symbols. Thus, the paper will not only give an historical summary of Ottoman Tanzimat under the effects of French Enlightenment and reforms and enlightenment symbols on Ottoman Architecture, but will also show the bridge between mathematics and these enlightenment symbols.