

Mathematical Modeling for Course of COVID-19 Pandemics in Libya

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Abstract: The disease known as COVID-19, caused by a new type of coronavirus, first appeared in China at the end of 2019. The first COVID-19 case in Libya was seen in the middle of February 2020, and 7738 cases have been reached to August 15 2020. The number of deaths caused by COVID-19 in Libya has been 145 until same time [1]. In this study, it was aimed to determine the course of COVID-19 infection in Libya with a new modified mathematical modeling [2,3] and to show the possible number of cases and deaths in the upcoming period. The results obtained separately on a total and daily basis were shown graphically.

Keywords: COVID-19, mathematical modeling, coronavirus pandemics, Libya

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