

## عنوان مقاله:

Design and Analysis of an Unmanned Aerial Vehicle Capable of Carrying the Camera

## محل انتشار:

ششمین کنفرانس سالانه ملی مهندسی مکانیک، صنایع و هوافضا ایران (سال: 1398)

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## خلاصه مقاله:

Today Unmanned aerial vehicles (UAV) have found widespread use and may have been using them to capture various events or take photographs of operational areas; but the fact is that UAVs or quadcopters, which are some of these flights, are still at the beginning of their journey and can be future applications will be more widely used. Given the geographical situation and the current situation in the world, the country needs to step up with the world in order to strengthen the defense forces. One of the tools that have been used in recent decades to other tools due to their characteristics and their unique features, including the absence of human casualties, the study and more precise missions, and... are of interest to many countries, including our country, are unmanned aerial vehicles. Many researches have been carried out on these devices today. In the same way, our researchers in our country have done a lot of researches on this device in recent years and tried to make these birds with the least cost and with the highest efficiency. This paper also attempts to analyze the flights with the ability to carry the camera. At first, its components, including wings, body, tail, and landing gear, are optimally designed and then aerodynamically and instrumentally analyzed, so that this research used to build these flights species in the future.

## کلمات کلیدی:

Unmanned aerial vehicles, quadcopters, camera

## لینک ثابت مقاله در پایگاه سیویلیکا:

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