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REDUCTION OF LOSS OF TIME IN SPACE USING INNOVATIVE TECHNOLOGIES

Abstract

Man has always taken inspiration from space. The space, which is outside the atmosphere, is becoming increasingly crucial for humans. Putting satellites into orbit around our planet has helped us learn more about our home planet. Space is an endless source of surprise and inspiration. The advancement of mankind's scientific and technological development is inextricably linked to the advancement of various fields of activity. Space can now be explored using modern technologies such as artificial satellites, satellite launches, telescopes, manned spacecraft and space shuttles, space stations, and even space exploration robot. Space technologies encompass astronomy in general, as well as the movement of objects and life forms in space via satellites, probes, and spacecraft. The processes associated with space-related innovations are a common aspiration for modern progress. For instance, due to modern technologies such as 3D printing, they are more and more being used not only to create models, but also to create components of spacecraft operating in space. This allows you to shrink production time and lower costs. There are also the top five futuristic space technologies, which include: 1)Artemis - The Artemis main purpose, a NASA project, aims to send a man and a woman toward the lunar surface by 2024. 2)The Kepler Telescope - Scientists anticipate that technologies will be sufficiently developed in the near future to detect the most in far spectral measurement results. 3)Mars Houses - The establishment of colonies on other planets is expected to play a significant role in the future space technology development technologies. 4)The Cosmos Falcon 9- SpaceX, Elon Musk's company, recently launched its SpaceX Falcon 9. Falcon 9 will fly into space on a regular basis. 5)Spacecraft for light refueling- They will concentrate on making interstellar vehicles more streamlined and lightweight in the field of spacecraft travel. NASA is testing the world's largest fuel tank, which was helped develop for its Space Launch System rocket. Space technology is a rapidly continually changing and highly dynamic technologically advanced chapter. A comprehensive knowledge of space using technological developments will give us better and deeper understanding of cosmic bodies in the coming years. The 74th International Astronautical Congress in Baku is absolutely essential for Azerbaijani students studying in this research area. Reducing the loss of time in space with the help of innovative technologies in the future will have a great impact in the knowledge of outer space.