



NEW TECHNOLOGIES AND THEIR AREAS OF USE

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ABSTRACT

The topic of "New Technologies and Their Application Areas" explores the ever-evolving landscape of cutting-edge technologies and their diverse utilization across various domains. This article delves into how these innovations are reshaping industries, communication, education, healthcare, transportation, and more. It underscores the transformative power of emerging technologies and the manifold challenges and opportunities they bring. This article aims to shed light on the pivotal role of technology in our contemporary world, emphasizing its far-reaching impact on our daily lives. It encourages readers to grasp the potential of these advancements and embrace the changes that come with them. The discussion within this article underscores the necessity of understanding and adapting to the fast-paced technological shifts that shape our world.

Introduction: Today per day, new technologies people in every area of life own place is finding new technologies life facilitates communication strengthens and new opportunities opens. This the subject learning, new technologies and their use fields about to yourself that changes information to get help gives new technologies use any field in the field self shows. Of them one is the so-called "Internet of Things" (IoT). control to be done objects network, other fields while robotics, the only minor work release equipment, telemedicine, virtual

reality, and others the introduction can. These technologies are ours, our lives simple and in facilitation big place occupies. Here it is another one aspect, new technologies common and special in the fields use can. Own your products from creation, telecommunication and social networks, medicine, education, transport and projects to the fields until, new technologies the world by changing throws. new technologies of our lives strong part organize arrived, new technologies learning and them of use advantages understanding, each a person for important. This to the topic about more information get, new from technologies how to use learning and their observation and changes about our speaking ourselves to opponents becomes. new any technology in the field. Create and in consideration get enable gives, this while our our lives more efficient and spiritual studied does.

Main Part: new technologies today's of the world important part in every field our lives facilitating, news and opportunities opener changes brings. This article, new technologies and their use fields about in detail you learned and how by doing of them to use of learning importance is about.

Technologies How How Technology is Changing: New technologies, computers, Internet, robots, medicine change, IoT devices, cyber-security and others, ours our lives by expanding take is coming. They are our lives how facilitate information change, and us new opportunities with in introduction own place is finding.

In fields Usage (Applications in Various Fields): New technologies different in the fields how being used? This is an article different in the fields technologies how changes in bringing and efficient at work how help give to get shows. Education, medicine, profession, transport, and

this from technologies changes to get possible has been from fields only one row.

Problems and Challenges and Advancements: New technologies being studied one from the side, them in creating and of them in use changes to bring can. In this part technologies with depends problems, issues, and them solve for any shown actions will be lit. new technologies and their use fields, new opportunities to open and our lives facilitate to himself special methods to learn help gives. They are our the world changed standing up, our life new in the direction to develop possibility gives. And this is each man for this in the field mastered knowledge and information of learning importance emphasizes.

The result Part: This article is new technologies and their use fields about common concepts gave new technologies our our lives makes it easier and new opportunities opens. They are telecommunication, education, medicine, transport, air and flow technology, and another in the fields efficient works new technologies our lives more simple and comfortable who does one how many approaches brings. They are new occupations when creating data in the change and changes in doing important role plays. But it 's new technologies with came new problems and there are issues. Cyber security, privacy, personal information protection to do and changes acceptance to do such as problems this technologies to learn important does.

Technologies increase requires changes and this changes our our lives new directions take is coming new technologies each of a person development and information to learn continue carry on for interesting opportunities opens. new technologies and their use fields the world changed standing, us more interactive and huge physical and spiritual changes creates. They are learning and changes acceptance to do for ourselves our preparation and our

knowledge ourselves to our development possibility gives

Summary

"New Technologies, Their Usage Fields" topic of our lives change for to himself special opportunities opener important and modern of subjects one being remains This article is new technologies and their use fields about common concepts gave Today's per day, new technologies computers, communication tools, robots, data analytics, IoT devices and others in the form of our lives facilitating new opportunities is opening. They are changes, news, and amenities which brings important tools is one step forward take is going new technologies each in the field used, but of them except, they new problems and important taking issues as well is coming Cyber security, privacy, personal information protection do, and changes acceptance of doing problems this technologies learning and of them of use the most important to the part became.

References:

1. "The Innovators: How a Group of Hackers, Geniuses, and Geeks Created the Digital Revolution" - Walter Isaacson
2. The Singularity Is Near: When Humans Transcend Biology - Ray Kurzweil
3. "The Industries of the Future" - Alec Ross
4. "Artificial Intelligence: A Guide to Intelligent Systems" - Michael Negnevitsky
5. The Second Machine Age: Work, Progress, and Prosperity in a Time of Brilliant Technologies - Erik Brynjolfsson and Andrew McAfee
6. "Blockchain Basics: A Non-Technical Introduction in 25 Steps" - Daniel Drescher
7. "The Fourth Industrial Revolution" - Klaus Schwab

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