Abstract
The development and popularization of 5G technology provides a more convenient, rich and diversified way of information acquisition and communication for college youth, and also poses new challenges to the ideological and political education and ideological security of college youth. Starting from the influence mechanism of 5G technology on the mainstream ideology of college youth, this paper analyzes the risks and challenges faced by the mainstream ideology of college youth under the trend of 5G, such as the leakage of personal privacy, the infiltration of values, and cultural shocks, and puts forward corresponding prevention and resolution strategies, such as strengthening the education of Marxist theory, building a healthy and orderly network environment, and improving the network literacy and self-protection awareness of college youth, so as to provide useful reference for the ideological and political education and ideological security work of college youth in the new era.

Keywords
5G Technology; College Youth; Mainstream Ideology; Risk Prevention; Strategy.

1. Introduction
As a new information and communication technology, 5G technology provides more convenient, rich and diversified information acquisition and communication methods for college youth, but it also brings new risks and challenges to the ideological security of college youth. Under the trend of 5G, college youth are facing the erosion and impact of wrong thoughts such as Western materialism, extreme individualism and historical nihilism, which need to be highly vigilant and resolutely resisted. Therefore, this paper puts forward some preventive strategies, such as strengthening the education of Marxist theory, enhancing the construction and management of network ideology, carrying forward the excellent traditional Chinese culture, and improving the working system and mechanism, so as to provide useful reference for the risk prevention of mainstream ideology of college youth.

2. The Era Opportunity of Mainstream Ideology of College Youth under the Trend of 5G
2.1. The Connotation Characteristics of 5G Technology and Mainstream Ideology of College Youth
5G technology refers to the 5th Generation Mobile Communication Technology, which is a new generation of broadband mobile communication technology with high speed, low delay and large connection. 5G communication facilities are the network infrastructure to realize the interconnection of human, machine and things. The development of 5G technology will not only provide users with a more extreme mobile Internet experience, such as augmented reality, virtual reality, and ultra-high-definition video, but also support diversified application....
scenarios such as the Internet of Things, the Internet of Vehicles, the Industrial Internet, and smart cities, and promote the digital, networked, and intelligent transformation of the economy and society.

College youth are the future and hope of the country, and the new force and backbone of socialist construction. The mainstream ideology of college youth refers to the correct world outlook, outlook on life and values held by college youth in social life. It is the understanding and grasp of the law of social development and the direction of historical progress. It is the loyalty and responsibility of college youth to national interests and national destiny. The mainstream ideology of college youth is a scientific theoretical system and value system guided by Marxism, with the theme of socialism with Chinese characteristics, driven by reform and innovation, and with the goal of realizing the great rejuvenation of the Chinese nation.

2.2. The Era Opportunity of Mainstream Ideology of College Youth under the Trend of 5G

5G technology provides more opportunities for college youth to learn and innovate. 5G technology will bring higher network speed, lower delay and more connections, so that college youth can more easily acquire and disseminate various knowledge and information, and improve their learning ability and innovation ability. 5G technology will also give birth to more new formats, new models and new applications, providing a broader space for entrepreneurship and employment for young people in colleges and universities, so that they can give full play to their professional advantages and personality, and achieve their professional ideals and development goals.

5G technology provides more services and contribution platforms for college youth. 5G technology will be deeply integrated with the new generation of information technology such as artificial intelligence, cloud computing, big data and Internet of things, promote the digital, networked and intelligent transformation of all walks of life, and bring great benefits to social and economic development and people’s livelihood improvement. As the masters and users of the new generation of information technology, college youth have the responsibility and ability to play an important role in the integration and application of 5G technology, and make their own services and contributions to promote the development of national strategic emerging industries, solve social hot issues and people’s livelihood difficulties, and build a community of human destiny.

5G technology provides more channels for college youth to communicate and communicate. 5G technology will break the limitation of time and space, realize high-speed, low-latency and high-quality audio and video communication worldwide, so that college youth can better understand the national conditions, people’s conditions and world conditions, and enhance their international vision and cross-cultural awareness. 5G technology will also promote exchanges and communication between people from different fields, different levels and different backgrounds, so that college youth can better express their thoughts and emotions, listen to others’ views and needs, and achieve multicultural dialogue and exchange.

In short, 5G technology is an important symbol and driving force of contemporary social development, and the mainstream ideology of college youth is an important guarantee and leading force for contemporary social progress. The two complement each other and promote each other, and jointly promote the country and the nation to a better future.
3. The Risk Challenge of Mainstream Ideology of College Youth under the Trend of 5G

3.1. The Information Security Risk
5G technology will make the generation, dissemination and consumption of network information more rapid, extensive and diverse, so that college youth face massive and messy information input, and it is difficult to distinguish between true and false, good and bad, positive and negative. These messages may be mixed with some wrong thoughts and adverse effects that violate the core values of socialism, damage national interests, undermine social order, and mislead public opinion, such as Western democratic liberalism, extreme nationalism, terrorist violence, etc. If college youth lack the ability to distinguish and screen information and correct political position and ideological and moral cultivation, they may be confused and coerced by these information, shake their beliefs and deviate from their ideal goals.

3.2. The Value Penetration Risk
5G technology may make college youth excessively pursue material enjoyment and virtual experience, ignore spiritual pursuit and real life, and form a negative and passive lifestyle. 5G network may make young people addicted to the network world, ignoring the learning and work, interpersonal communication, social responsibility and other aspects in real life. At the same time, the emergence of e-commerce, online car-hailing, and online celebrities can meet the pursuit of material wealth and social status of college youth, but it may also make them value money and fame too much and ignore social responsibility and moral norms. If college youth lack the correct value orientation and life attitude, they may fall into a psychological state of seeking only enjoyment without progress, seeking only virtuality without truth, seeking only self without seeking others' selfishness and escaping from reality. It may also form a negative psychology of not being enterprising, not seeking progress, not willing to struggle, and even form an escape attitude of 'lying flat' and 'Buddhist'.

3.3. The Cultural Shock Risk
5G technology makes cultural exchanges more frequent, in-depth and diversified, but also makes cultural conflicts more intense, complex and hidden. When exposed to 5G networks, college youth may encounter some cultural phenomena and expressions that are different from or even opposite to the cultures they are familiar with and agree with, resulting in their cultural identity and self-confidence being shaken or weakened. At the same time, 5G network may also be used by some ulterior motives or hostile forces to spread some cultural content that violates the core values of socialism or endangers national interests and national unity, which will impact or erode the ideological, moral and value orientation of college youth.

4. The Risk Prevention Strategies for Mainstream Ideology of College Youth under the Trend of 5G

4.1. Strengthen the Education of Marxist Theory and Improve the Ideological Consciousness and Theoretical Literacy of College Youth
Marxism is the ideological weapon of college youth and an effective defense against all kinds of wrong thoughts. We should innovate educational methods, combine the characteristics of the times and the characteristics of young people, and adopt various forms and carriers, such as classroom teaching, special reports, practical activities, network platforms, etc., to stimulate the interest and enthusiasm of young college students in learning Marxist theory and improve their ability and level of using Marxist theory to analyze and solve problems.
4.2. **Strengthen the Construction and Management of Network Ideology, and Improve the Network Literacy and Discrimination of College Youth**

Network is an important channel for college youth to obtain information and exchange ideas, and it is also the main position of ideological struggle. Colleges and universities should strengthen the construction and management of network ideology. They should not only make good use of the advantages of network communication positive energy, publicizing truth, guiding public opinion and serving teachers and students, but also prevent the risks of network communication rumors, misleading, attacking and inciting. It is necessary to establish and improve the working mechanism of network ideology, strengthen the monitoring and analysis of network public opinion, timely discover and deal with bad information and events, and maintain a clear cyberspace. It is necessary to strengthen the network moral education and legal education of college youth, and cultivate their awareness and ability to consciously abide by network regulations, regulate network behavior, and maintain network order. To improve their discrimination and judgment of network information, so that they can distinguish between true and false, right and wrong, good and evil, in the network to achieve clear right and wrong, rational expression, civilized communication.

4.3. **Carry Forward the Excellent Traditional Chinese Culture and Enhance the National Concept and National Consciousness of College Youth**

Chinese excellent traditional culture is the spiritual gene of the Chinese nation and the important source of socialist core values. Colleges and universities should strengthen the education of Chinese excellent traditional culture, so that college youth can deeply understand the brilliant achievements and unique charm of the Chinese nation's history and culture, and feel the profound heritage and strong power of the Chinese nation's spiritual culture. It is necessary to combine the needs of the times and the characteristics of young people, innovate education methods, and use various carriers and platforms, such as curriculum setting, lectures and exhibitions, practical activities, and network communication, so that Chinese excellent traditional culture can enter the hearts of young people in colleges and universities. We should guide them to draw wisdom and strength from the excellent traditional Chinese culture, enhance their pride and self-confidence in the history and culture of the motherland, and enhance their sense of support and struggle for the dream of the great rejuvenation of the Chinese nation.

4.4. **Improve the Working System and Mechanism to Improve the Efficiency of Ideological Work in Colleges and Universities**

Ideological work is a systematic project that requires the participation and cooperation of all parties. We should strengthen team building and cultivate an ideological work team with firm politics, proficient business, good style and innovative spirit. We should strengthen supervision and inspection, establish and improve the evaluation mechanism, incorporate ideological work into the performance appraisal system, and link it with the selection and appointment of cadres. We should sum up experience in time, constantly explore laws in practice, and constantly improve our level in innovation.

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References