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Abstract: *This article examines the transformative impact of digital currencies, including cryptocurrencies and central bank digital currencies (CBDCs), on global economies. It evaluates their effects on monetary policy, financial inclusion, transaction efficiency, and regulatory challenges. Through a review of existing literature and case studies, the study highlights both the potential benefits and risks associated with the rise of digital currencies, providing insights into their future trajectory.*

Keywords: *Digital currencies, cryptocurrencies, central bank digital currencies, global economy, financial inclusion, monetary policy.*

Introduction: *Digital currencies are rapidly reshaping the financial landscape, offering innovative alternatives to traditional money systems. Cryptocurrencies like Bitcoin and Ethereum have gained prominence, while many countries explore the issuance of CBDCs. This article investigates the economic implications of digital currencies, focusing on their influence on monetary policy, financial inclusion, transaction efficiency, and the associated regulatory challenges.*

Methods: *This study employs a qualitative research methodology, conducting a comprehensive review of literature on digital currencies, economic theory, and relevant case studies from countries that have implemented or are considering CBDCs. The analysis centers on four key areas: monetary policy implications, financial inclusion, transaction efficiency, and regulatory challenges.*

Results and Discussion:

1. **Monetary_Policy_Implications:**Digital currencies can significantly alter monetary policy dynamics. CBDCs enable central banks to have better control over monetary supply and can enhance the transmission of monetary policy. However, the rise of cryptocurrencies poses challenges by potentially undermining central bank authority and complicating regulatory frameworks.

2. **Financial_Inclusion:**Digital currencies have the potential to enhance financial inclusion by providing unbanked populations with access to financial services. For instance, mobile wallets in developing countries demonstrate how digital currencies can empower individuals, stimulate economic growth, and reduce poverty.

3. **Transaction_Efficiency:**Digital currencies offer a more efficient method for transactions. Utilizing blockchain technology, they can facilitate faster and cheaper cross-border payments, reducing transaction costs and settlement times. This efficiency can significantly benefit international trade and commerce.

4. **Regulatory_Challenges:**The proliferation of digital currencies presents regulatory challenges, including fraud, money laundering, and consumer protection concerns. Governments must strike a balance between fostering innovation and ensuring a stable financial system. Developing effective regulatory frameworks is crucial to address these challenges.

Conclusion:

Digital currencies are set to profoundly impact global economies, influencing monetary policy, promoting financial inclusion, and enhancing transaction efficiency. However, they also pose significant regulatory challenges that require careful consideration. The future of digital currencies will depend on how stakeholders, including governments, businesses, and consumers, navigate these complexities.

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References:

1. Nakamoto, S. (2008). Bitcoin: A Peer-to-Peer Electronic Cash System.
2. Mersch, Y. (2018). The European Central Bank and Digital Currencies. *ECB Occasional Paper Series*.
3. Kiff, J., et al. (2020). A Survey of Research on Central Bank Digital Currency. *IMF Working Papers*.
4. Arner, D. W., Barberis, J., & Buckley, R. P. (2017). FinTech, RegTech, and the Future of Financial Services. *Northwestern Journal of International Law & Business*, 37(3), 371-413.
5. Thakor, A. V. (2020). FinTech and Banking: What Do We Know? *Annual Review of Financial Economics*, 12(1), 295-315.