# LEVERAGING TECHNOLOGY TO DISMANTLE SYSTEMIC RACISM: MODELING AND SIMULATION WITH PLANETARY CHESS

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## ABSTRACT

*In the realm of Information Technology, Planetary Chess emerges as a paradigm-shifting solution to combat systemic racism, utilizing modeling and simulation techniques akin to iterative computational processes. This paper elucidates how Planetary Chess harnesses the power of technology, employing modeling and simulation methodologies for systemic evolution in the fight against racism. By integrating adaptive control principles and innovative IT solutions, Planetary Chess offers a dynamic framework for societal empowerment and change.*

## 1. INTRODUCTION

The convergence of Information Technology and societal challenges necessitates innovative approaches for systemic evolution. Planetary Chess, rooted in counter-racist ideology, exemplifies a modeling and simulation paradigm in combating systemic racism. The genesis of Planetary Chess traces back to the tumultuous summer of 2014, catalyzing a deep dive into research and the subsequent conceptualization by the founder. Influenced by the seminal works of scholars such as Dr. Francis Cress Welsing and Dr. Amos Wilson, Planetary Chess embodies a proactive stance towards addressing systemic racism, eschewing reactive approaches for comprehensive accountability and strategic maneuvering.This paper explores the integration of Information Technology within Planetary Chess, elucidating its potential for societal transformation through iterative modeling and simulation.

## 2. MODELING SYSTEMIC RACISM

At the core of Planetary Chess lies a comprehensive model for systemic racism, informed by historical context and counter-racist scholarship. Utilizing data mining techniques, Planetary Chess analyzes patterns of oppression and injustice, facilitating a deeper understanding of systemic barriers. Through computational modeling, Planetary Chess simulates the intricate dynamics of racism, providing insights for strategic intervention and empowerment. Planetary Chess operates through a multifaceted mechanism, spearheaded by the foundational text "Introduction to Planetary Chess." This manual delineates a structured approach & formula towards triumphing over systemic racism, integrating Tzu-racializm art and the Planetary Chess game to engage and mobilize youth participation. The establishment of a large language model

(LLM) and a decentralized autonomous organization (DAO) facilitates critical evaluation, recalibration of strategies, and incentivizes community involvement.

## 2.1. Foundation Research Contributions

The Planetary Chess initiative is anchored upon a robust scholarly foundation, with a collection of seminal research papers serving as cornerstones of the system. Planetary Chess draws upon rigorous academic inquiry to inform and drive its mission towards dismantling systemic racism. Several research papers stand out as pivotal contributions to the intellectual framework of Planetary Chess. Notably, "The Fabrication of Jesus and the Strategic Formation of Christianity as an Instrument for European Hegemony and the Perpetuation of White Supremacy" and "The Substantiation of the Cress Theory of Color Confrontation: Connecting Independent Black Scholarship to White Supremacist Ideology" serve as foundational pillars, meticulously dissecting historical constructs and systemic ideologies perpetuating racial oppression. Additionally, "Agitating Aggression: The Affliction of Antiracism" challenges prevailing narratives on anti-racism, advocating for a more proficient solution in the form of counter-racist strategy. This research paper interrogates the effectiveness of mainstream anti- racist approaches and offers insights into alternative pathways towards systemic change. The papers have garnered recognition within academic circles, as evidenced by their Author Rank of 322,076 out of 1,598,447 on SSRN. This ranking underscores the visibility and influence of Planetary Chess's research within the academic community, affirming its significance in shaping discourse and advancing understanding of systemic racism. The research papers form the intellectual backbone of the Planetary Chess ecosystem, providing theoretical underpinnings and guiding principles for strategic intervention. By leveraging insights gleaned from these scholarly inquiries, Planetary Chess integrates academic rigor with practical activism, fostering a comprehensive approach towards societal transformation. Moving forward, Planetary Chess aims to further leverage and expand upon the insights generated by the research papers. By incorporating new findings and engaging in ongoing scholarly inquiry, the initiative remains committed to continuous learning and evolution in its quest to eradicate systemic racism. The research papers serve as foundational pillars within the Planetary Chess ecosystem, providing intellectual guidance and scholarly rigor to inform strategic interventions against systemic racism. Through their integration into the initiative's framework, these papers exemplify the intersection of academic inquiry and social activism, driving forward the mission towards equity and justice.

## 2.2. Integration of Audiovisual Media: Films as Catalysts for Change within Planetary Chess

In conjunction with the Planetary Chess initiative, a series of films has been produced under the Planetary Chess YouTube channel. These films serve as critical components in disseminating the principles and concepts of Planetary Chess to a global audience. Leveraging the power of audiovisual media, these films aim to elucidate the complexities of systemic racism and provoke meaningful discourse on strategies for societal transformation. With 487 subscribers and a total of 162 videos, the YouTube channel has garnered significant traction, amassing a total of 101,067 views. These metrics serve as tangible evidence of the real-world engagement with the content produced in association with the Planetary Chess initiative. Furthermore, analysis of viewership data reveals a diverse geographical distribution, with the United States comprising the majority of viewership, followed by the United Kingdom, Canada, Australia, India, and various other countries. Each film delves into critical aspects of systemic racism, dissecting historical constructs, and shedding light on the mechanisms through which oppression operates within society. The films have made a significant impact in raising awareness, fostering dialogue, and inspiring action among viewers. Feedback received from the audience indicates a heightened understanding of the issues surrounding systemic racism and a desire for meaningful change.

Viewers have expressed appreciation for the thought-provoking content and its ability to challenge prevailing narratives. These films are seamlessly integrated into the broader ecosystem of Planetary Chess, serving as educational tools and catalysts for change. They complement other components of the initiative by providing visual narratives that resonate with audiences on a deeper level. Through the dissemination of these films, Planetary Chess extends its reach and fosters greater engagement with its mission and principles. Despite the moderate success of the films, challenges have been encountered in reaching diverse audiences and navigating the complexities of online content distribution. However, these challenges have provided valuable lessons in audience engagement and content strategy, informing future endeavors in leveraging audiovisual media for social impact. Moving forward, there are plans to produce additional films that delve deeper into various facets of systemic racism and highlight the transformative potential of counter-racist strategies. Efforts will be made to expand the reach of these films through targeted marketing and distribution channels, ensuring that they reach audiences across diverse demographics and geographic regions. By integrating these films into the broader narrative of counter racism, Planetary Chess demonstrates the power of audiovisual media in catalyzing social change and fostering meaningful dialogue on issues of systemic racism.

## 3. SIMULATION-BASED STRATEGY

Planetary Chess employs simulation-based strategies to navigate the complexities of systemic racism, akin to optimal control principles in computational science. By iteratively refining strategies through simulation, Planetary Chess adapts to evolving societal dynamics and mitigates unforeseen challenges. This adaptive approach ensures resilience and efficacy in combating systemic racism, fostering a continuous cycle of improvement and innovation. Furthermore, the AI development component of Planetary Chess leverages machine learning algorithms to enhance gameplay and provide dynamic challenges for players. AI Stewie, the AI opponent, is designed to learn from player interactions and adapt its strategies accordingly. Initially employing basic algorithms for lower difficulty levels, AI Stewie progresses to more sophisticated strategies for higher difficulty levels. This progression is facilitated by reinforcement learning techniques, where distinct reward structures incentivize the AI to explore and refine its decision-making processes. Through this iterative learning process, AI Stewie evolves into a formidable opponent, capable of providing engaging and challenging gameplay experiences across different skill levels. Additionally, the simulation-based approach extends to the narrative integration aspect of Planetary Chess. The game's storyline evolves dynamically based on player choices and outcomes, creating a rich and immersive narrative experience. By simulating various narrative trajectories and their implications, Planetary Chess ensures that players' actions have meaningful consequences within the game world. This dynamic storytelling approach enhances player engagement and fosters a deeper understanding of the systemic issues addressed by the game. Overall, the simulation-based strategies employed by Planetary Chess, both in AI development and narrative integration, contribute to its effectiveness as a tool for combating systemic racism. By leveraging machine learning and simulation techniques, Planetary Chess offers players a dynamic and thought-provoking experience that reflects the complexities of real-world societal challenges.

### 3.1. Integration of Technology

In addition to leveraging Information Technology, the funding mechanism of Planetary Chess plays a crucial role in its realization. An innovative approach to financing the initiative lies in the pioneering art movement known as Tzuracializm. Tzuracializm represents a groundbreaking fusion of artistic expression and social activism, utilizing visual media to spread knowledge and garner support for dismantling systemic racism. Central to the funding strategy of Planetary

Chess is the offering of exclusive Tzuracializm fine art pieces as a limited investment opportunity. These captivating artworks serve not only as powerful statements in the fight for change but also as vehicles for generating funding for the initiative. Investors in Tzuracializm fine art will receive a large framed physical print of the original artwork, accompanied by a unique Non-Fungible Token (NFT). Investors in Tzuracializm fine art commit to prominently exhibiting the artwork and providing a photo of its display, thereby enhancing public impression and brand value. Furthermore, investors have the opportunity to resell the accompanying NFT for double the purchase price, incentivizing promotion of the art and cause. Notably, 10% of all NFT resale revenue is directed back to the Tzuracializm community fund, reinforcing the social impact of the investment. This investment scheme offers investors a unique opportunity to acquire inspiring artwork while simultaneously fueling real social impact. By proudly showcasing their belief in equity and justice through the display of Tzuracializm fine art, investors raise awareness for the Planetary Chess initiative. Additionally, through leveraging their networks to resell the NFTs at a premium, investors stand to enjoy attractive financial returns. Following the sale of the first NFT, a Decentralized Autonomous Organization (DAO) will be established to govern the Tzuracializm community fund. The DAO will reward future creators of Tzu-racializm artworks, ensuring the continuous circulation of resources within the ecosystem. Additionally, a proprietary Learning and Liberation Module (LLM) will be developed, drawing from the scholarly works of Dr. Francis Cress Welsing and Dr. Amos Wilson. This LLM will provide educational resources and insights into systemic racism, further enriching the Planetary Chess initiative's intellectual foundation and social impact. Tzu-racializm draws its inspiration from the timeless wisdom of Sun Tzu, as outlined in his seminal work, "The Art of War." By intertwining Sun Tzu's philosophy with the scholarly insights of Dr. Wilson and Dr. Welsing, Tzu-racializm has formulated a potent strategy to combat systemic racism. At its core lies the principle that "know thyself + know thy enemy = victory," a fundamental tenet of Sun Tzu's philosophy. Tzu-racializm, therefore, embodies one of these themes—knowing oneself or understanding one's adversary—through its artistic expression. Moreover, Sun Tzu espouses the idea that the ultimate triumph in warfare is achieved without resorting to violence. In alignment with this principle, the Planetary Chess system endeavors to dismantle systemic racism by fostering continuous systemic knowledge. Through this approach, the initiative seeks to transcend traditional confrontational methods and instead cultivate understanding and transformation on a systemic level.

## 3.2. Future Directions

The future trajectory of Planetary Chess envisions further integration of Information Technology for enhanced modeling and simulation capabilities. Robust control algorithms and optimization theory will optimize strategic interventions, while biomedical signal and image processing techniques enable holistic understanding of societal dynamics. Integration technology of automation systems ensures scalability and interoperability, fostering collaboration and synergy in the fight against systemic racism. Furthermore, Planetary Chess envisions the creation of immersive gaming experiences in the metaverse, leveraging artificial intelligence to simulate racial Jiu Jitsu—a concept elucidating strategies to navigate systemic racism traps. Additionally, the integration of technology augments community cohesion and knowledge dissemination, fostering a resilient ecosystem of change and empowerment. Drawing parallels with the evolution of Bitcoin, Planetary Chess adopts a cyclical process of renewal and adaptation every seven years. This iterative approach ensures sustained momentum and perpetual vigilance in confronting systemic racism. New volumes of Planetary Chess, accompanied by innovative games and Tzu-racializm art forms, exemplify the dynamic evolution towards the ultimate goal of dismantling systemic racism.

### 3.3. Figures and Tables



Figure 1. Tzu-Racializm NFT

## 4. CONCLUSION

In conclusion, Planetary Chess exemplifies the transformative potential of Information Technology in combating systemic racism through modeling and simulation. By leveraging IT solutions and adaptive control principles, Planetary Chess offers a dynamic framework for societal evolution and empowerment. As technology continues to advance, Planetary Chess stands poised to lead the charge towards a future free from the shackles of systemic racism.

### ACKNOWLEDGEMENTS

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