

TECHNOLOGICAL, ECONOMIC AND TRADE COMPETITION BETWEEN US AND CHINA

Rolando Pena-Sanchez

Texas A&M International University, USA

E-mail: rsanchez@tamiu.edu

ABSTRACT

This paper analyses the historical competition between the United States and China during the last 34 years; the essay covers three sectors: Technology, economy, and trade. Both countries have been investing heavily in artificial intelligence (AI), 5G networks, and quantum computing; the United States has taken steps to reduce China's rise in this sector by imposing limits to their 5G network access. The economic competition reveals accusations from both countries regarding the manipulation of currency impacting the global economy, but since ever, US's GDP has surpassed the China's GDP; and about the commercial competition, currently both countries have imposed mutually tariffs to reduce the dependence of each other's industries on the trade market; where the US shows a negative trade balance since its imports exceed its exports; on the other hand, China appears to be better positioned in the global trade field, since its exports exceed its imports.

Keywords: Top 10 ranked technology corporations, gross domestic product (GDP), exports, imports, ANOVA technique.