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Application of grand techno-economic strategy based on linear programming in the textile industry

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ABSTRACT

The main objective of this paper is to review of the evolution of management science, overview of grand strategy and its linkage with the techno - economic as a tactics to trigger productivity to win global competition. A review of the relevant literature was conducted and a connection between management science, grand strategy and techno - economic based on the linear programming can be applied in the textile industry. It was found that the industrial world in the midst of the Covid-19 pandemic has an impact on the market which is increasingly shrinking and is plagued by a quite severe sluggishness. Simultaneously the labor productivity is getting weaker. This is what is known as the negative impact of the global financial crisis. Will the Indonesian nation be able to maintain the momentum of economic growth amidst the tsunami waves of the global financial crisis? A grand strategy that combines the roles of technology and economy (technoeconomic) strategy based on linear programming needs to be implemented immediately. The success of the techno economic strategy cannot be separated from the role of three pillars, namely mastery of technology, productivity and competitiveness.



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