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THE SIX-LINK ENDOGENOUS LOOP OF ECONOMIC SUPPORT FOR ARMED DEFENSE: A CONCEPTUAL MODEL AND CLASSIFICATION MATRIX OF SYSTEMIC GAPS

The article substantiates the conceptual model of a six-link endogenous loop of economic support for armed defense as an integrated analytical framework for studying the military-economic system of a state under a protracted high-intensity war regime. The model integrates the budget-financial, production-technological, logistical, combat, innovation, and informational-managerial contours into a single closed structure with a self-reproduction mechanism driven by the internal feedback flow from the frontline-needs link to the financial-resources link. A methodological apparatus is proposed for classifying systemic gaps of the endogenous loop by seven attributes — depth, duration, character, intensity, dynamics, spatial distribution, and reversibility — with the construction of a 6×7 matrix for the six identified gaps of Ukraine's military-economic system as of 2024. A composite index of state economic endurance EZS_breaks is developed in accordance with the OECD/JRC composite indicator methodology, with normalization by the distance-to-reference method and weighting via T. Saaty's analytic hierarchy process. Empirical estimation for 2024 yielded $EZS_breaks = 0.514$, corresponding to the lower bound of the satisfactory-state interval, close to the critical zone. The proposed apparatus verifies the hypothesis on the quantifiability of systemic gaps of the military-economic loop and forms the methodological basis for subsequent design of regulatory mechanisms of economic support for armed defense in Ukraine.

Keywords: economic support for armed defense, endogenous loop, systemic gap of the military-economic loop, composite index of economic endurance, classification matrix, growth points of the military-economic system, defense economics.