



产业安全理论前沿丛书

产业安全理论研究

RESEARCH ON INDUSTRIAL SECURITY THEORY

李孟刚 著

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摘 要

产业经济学的产生，有着悠久的历史渊源，但其真正形成一门独立的学科，却是在 20 世纪的中叶。作为一门“新兴”学科，产业经济学理论有着广泛的创新和发展空间。现有的产业经济学理论一般包括产业组织理论、产业结构理论、产业布局理论、产业政策研究等四个方面。但是，我们研究产业组织、结构、布局和政策理论的目的都是为了更好的指导产业实践，也就是为了实现产业生存和发展的安全。从这种意义上来讲，产业安全问题应该作为贯穿于现有产业经济学理论的一条主线，产业安全问题也应该作为产业经济学理论研究和实践的终极目的。

产业安全是经济安全发展的基础，是政府制定产业政策、实行经济干预最基本的出发点。尽管在世界经济一体化背景下，产业安全问题在各国和地区的产业政策实践中广受关注，但其在理论研究中却是被普遍忽视的。在很多论著中，产业安全往往被隐含于国家经济安全研究，或被贯穿于国际贸易理论中，至今尚未形成独立、完整的理论体系。从这个意义上讲，产业安全理论的研究是对产业经济学框架的拓展和对产业经济学理论的发展。

构建产业安全理论、深入分析产业安全影响因素、完善产业安全评价体系及预警机制，不仅有助于产业安全维护实践，并进一步优化产业结构和产业布局，提高产业的竞争力，同时也有助于推动产业组织、产业结构、产业布局等产业经济学理论的进一步完善和提高。研究产业安全理论是产业经济学理论发展的需要，是产业经济研究工作的创新，是对产业经济学理论的重要补充和完善。

本书的构想：本书旨在构建和完善产业安全理论体系，以期呈现更能系统全面剖析产业安全的读本；本书也旨在构建一套完善的理论体系、提供一种全新的研究路径、创立一种科学的评价方法，以期能够更加方便的对各个不同产业的安全度进行评价和估算，有效服务于产业安全实践，提高产业安全度。

首先，以“传统国家安全理论—现代国家安全理论—国家经济安全理论—产业安全理论—产业安全评价—产业安全预警与维护”为研究路径，构建产业安全理论体系。在此基础上，深入分析产业安全的主要影响因素，创建产业安全评价体系和产业安全预警机制，并对中国第一、二、三产业及纺织等产业的安全度进行估算和实证分析，以期服务于产业安全预警，并为产业政策的修改、制定提供理论依据和有益的参考。

其次，把产业安全放在较为成熟的产业经济学的理论框架中进行剖析和观察，提供一种全新的产业安全研究路径。一方面用产业组织理论、产业结构理论、产业布局理论和产业政策理论对产业组织安全、产业结构安全、产业布局安全和产业政策安全进行理论研究；另一方面，也试图说明产业经济学解释产业安全问题的有效性和局限性。

本书的创新内容包括以下几个方面：

研究视角创新：目前关于产业安全的研究有三种情况：首先是贯穿于国际贸易理论，特别是贸易保护主义理论、民族工

业保护理论的研究中；其次是贯穿于外国直接投资理论的研究中；再次是贯穿于国家经济安全的研究中。本书直接以产业安全为研究对象，并从产业安全观的产生、产业安全概念的界定、产业安全的特征、分类、影响因素，以及产业安全理论体系、产业安全理论模型、产业安全评价和预警等诸多方面，立体、系统地对产业安全进行了分析和研究，这也是对产业安全研究的一个新突破。

理论创新：本书系统梳理和完善了产业保护理论、产业损害理论、产业国际竞争力理论、产业安全评价与预警，并以外国直接投资理论为基础，结合外资对产业品牌、市场、技术等的控制效应分析，构建了产业控制理论。然后，在此基础上，构建了包含上述五部分理论的产业安全理论体系，并建立了非线性的产业安全理论模型，极大的丰富和完善了产业经济学的理论框架，是对产业经济学的重要补充和发展。

本书创造性地引入产业出口对外资企业依存度指标分析产业对外依存度，引入换汇成本指标分析产业金融环境，引入显示性比较优势指数（RCA）分析产业国际竞争力，引入产业政策环境指标评价产业环境，从而进一步完善和补充了产业安全评价体系 and 产业安全预警机制。

此外，本书还创新地提出了产业组织安全、产业结构安全、产业布局安全和产业政策安全等概念，并以产业经济学的理论为基础，对这些概念进行了界定。同时，本书还创造性地提出了基于产业经济学理论框架的产业安全分类法、基于产业经济学理论框架的产业安全影响因素和基于产业经济学理论框架的产业安全理论模型等。

方法创新：在整体研究方法上，以产业安全为主线，同时进行一系列理论研究和创新，把影响产业安全的因素理论化、系统化，并在前人研究的基础上进一步完善和补充，形成新的

理论体系。

在具体研究方法上,本书采用了规范研究与实证分析相结合的方法、定性分析与定量分析相结合的方法、统计分析与比较分析相结合的方法,以及回归分析法、投入产出分析法、计量经济方法、案例研究方法。

本书的主要研究内容如下:

1. 系统梳理了安全观的演变,并强调产业安全观的产生是安全观的最主要变化,是对经济安全观的重要补充。产业安全核心观的提出丰富了国家经济安全理论的内涵。

2. 在对现有产业安全研究成果分析的基础上,对产业安全的概念进行了重新界定,深入阐述了产业安全的特征、分类及影响因素等,并创造性地架构了产业安全理论模型。

本书还在前人研究的基础上创造性的构建了包括产业保护理论、产业损害理论、产业国际竞争力理论、产业控制理论、产业安全评价与预警等五部分的产业安全理论体系,丰富和完善了产业经济学理论。

3. 运用成熟的产业经济学理论框架对产业安全理论进行研究,以说明产业经济学解释产业安全问题的有效性和局限性。基于此种路径的研究,本书创新地提出了产业组织安全、产业结构安全、产业布局安全和产业政策安全等概念,并以产业经济学的理论为基础,对这些概念进行了界定。同时,本书还创造性地提出了基于产业经济学理论框架的产业安全分类法、基于产业经济学理论框架的产业安全影响因素和基于产业经济学理论框架的产业安全理论模型等。

4. 系统梳理和完善了产业保护理论、产业损害理论、产业国际竞争力理论、产业安全评价与预警,并赋予其更为丰富的理论内涵。同时,以外国直接投资理论为基础,结合外资对产业品牌、市场、技术等控制效应分析,构建了产业控制理

论，然后，在此基础上，构建了包含上述五部分理论的产业安全理论体系。

5. 为进一步全面深入地分析和准确评价产业安全度，本书在研究产业安全理论体系的基础上，构建了产业安全评价模型以及由两级指标构成的产业安全评价指标体系，并创造性地引入产业出口对外资企业依存度指标分析产业对外依存度，引入换汇成本指标分析产业金融环境，引入显示性比较优势指数(RCA)分析产业国际竞争力，引入产业政策环境指标评价产业环境，从而进一步完善和补充了产业安全评价体系和产业安全预警机制。

6. 本书以产业安全理论体系为理论基础，以产业安全评价体系为评价标准，选取了在中国较具代表性的竞争性行业——中国纺织产业作为实证分析对象，完成了中国纺织产业安全报告；同时又选取了中国第一、二、三产业和国标分类法下的主要产业对中国产业的安全度进行了初步估算；此外，又基于产业经济学理论分析框架，对产业从组织安全、结构安全、布局安全和政策安全的角度，进行了实证分析。

Abstract

The industrial economics has an origin with a long history but actually came into being as an independent discipline in the middle of the 20th century. As a “rising” discipline, the theories of industrial economics are provided with extensive space for innovation and development. The current theories of industrial economics generally cover four aspects, namely industrial organization theories, industrial structure ones, industrial layout ones and the research on industrial policies. However, the purpose of our research on theories of industrial organization, structure, layout and policies is to better guide the industrial practice, i. e. to realize the security of industry survival and development. In such sense, the issue of industrial security shall be a main thread throughout the current theories of industrial economics and the ultimate target of the theoretical research and practice concerning industrial economics.

The industrial security is the basis of economic security and development and the fundamental starting point for the government to formulate industrial policies and execute the economic intervention. In the background of economic globalization, the issue of industrial security attracts extensive attention in the industrial policy practice by countries and regions in the world; yet is commonly neglected in the theoretical research. In a wealth of treatises, the industrial security is often implied in the research on national economic security, or put throughout the theories of international trade, not as an independent and complete theory system yet so far. In such sense, the research on industrial security theories is the expansion of industrial economics framework and the evolution of industrial economics theories.

The construction of industrial security theories, the deepening analysis on influential elements to industrial security and the completion of industrial security evaluation system and warning mechanism will be conducive to the industrial security maintenance practice, the further optimization of industrial structure and industrial layout and the improvement of industrial competitiveness as well as the driving of further completing and improving the theories of industrial economics such as industrial organization, industrial structure and industrial layout. The research on theories of industrial security is the necessity for the evolution of industrial economics theories, the innovation of industrial economic research and the important complementation and completion of industrial economics theories.

Conception of this Book: This book intends to construct and complete the industrial security theory system so as to present a reader analyzing the industrial security more systematically and overall; to construct a complete theory system, offer a brand-new research routine and found a scientific evaluation method so as to facilitate the evaluation and estimation to the degree of security of respective industries, serve the industrial security practice more efficiently and improve the degree of industrial security.

First, construct the industrial security theory system with “traditional national security theories – modern national security theories – national economic security theories – industrial security theories – industrial security evaluation – industrial security warning and maintenance” as the research routine. On such basis, it deeply analyzes the major influential elements to industrial security, found the industrial security evaluation system and the industrial security warning mechanism and provides the modification and formulation of industrial policies with the theoretical basis and beneficial references.

Secondly, it puts industrial security into the comparatively mature theoretical system framework of industrial economics (theories of industrial organization, industrial structure, industrial layout and industrial policies) for analysis and observation and offers a brand-new industrial security research rou-

tine. On one hand, it conducts the theoretical research on industrial organization security, industrial structure security, industrial layout security and industrial policy security with the theories of industrial organization, industrial structure, industrial layout and industrial policies; on the other hand, it also tends to describe the effectiveness and limits of interpreting the industrial security issue by using the industrial economics.

The innovation contents of this book covers the following aspects:

Innovation of Research Viewing Angle: There are several cases about the research of industrial security, one is to be put throughout the theories of international trade, particularly the research on theories of trade protectionism and national industry protection; secondly, throughout the research on foreign direct investment theories; and thirdly, throughout that on national economic security. This book directly takes industrial security as the subject investigated and conducts the analysis and research on industrial security dimensionally and systematically in aspects including the generation of industrial security view, the definition of industrial security concept, characteristics, classification and influential elements of industrial security, the industrial security theory system, the industrial security theory model and industrial security evaluation and warning, which is a new breakthrough in the research on industrial security.

Theoretical Innovation: This book systematically rationalizes and completes the theories of industrial protection, industrial damage, industrial international competitiveness and the industrial security evaluation and warning, constructs the theory of industrial control on the basis of foreign direct investment theory and in combination with the control effects of foreign investment on industrial brand, market and technologies; and then, on such basis, constructs the theory system of industrial security consisting of theories in the foregoing five sections and set up the non-linear industrial security theory model, which greatly enriches and completes the theory frame of industrial economics and the important complementation and evolution of industrial economics.

This book originally introduces in the dependence index of industrial export on foreign-invested enterprises to analyze the industrial dependence on foreign, the exchange cost index to analyze the financial environment, the Revealed Comparative Advantage (RCA) to analyze the industrial international competitiveness and the industrial policy environment index to evaluate the industrial environment, which accordingly further complete and complement the industrial security evaluation system and the industrial security warning mechanism.

In addition, this book originally puts forth the concepts of industrial organization security, industrial structure security, industrial layout security and industrial policy security etc. and defines those concepts on the basis of industrial economics theories. Meanwhile, the book originally proposes the industrial security classification methods, the industrial security influencing elements and the industrial security theory model all based on the theory framework of industrial economics etc.

Innovation of Methods: As for overall research methods, this book takes industrial security as the main thread, and meanwhile conducts series of theoretical research and innovation, theorizes and systemizes elements influencing industrial security and further completes and complements on the basis of previous research so as to form a new theory system.

As for specific research methods, this book adopts the method of combining normative research with empirical analysis, that of combining qualitative analysis with quantitative analysis, that of combining statistical analysis and comparative analysis, that of regression analysis, that of input-output analysis, that of measure economics and that of case study.

The main contents of this book are shown as follows:

1. It reviews the evolving of security concept and emphasizes that the appearing of industrial security concept is the main change and an important supplement to the economic security concept. The core concept of industrial security enriches the meaning of national economy security concept.

2. According to analysis on the current industrial security research find-

ings, the book innovatively defines the concept of industrial security, expands on the properties, category and influential factors of industrial security and establishes a theoretical model of industrial security.

The book also establishes a five-section industrial security system, which includes industrial protection theory, industrial damage theory, industrial theory of international competition, industrial controlling theory, industrial security assessment and pre-warning on the basis of previous research. All of this will enrich and improve the theory of industrial economy.

3. The book uses the mature industrial economy theory system researching the industrial security theory, tending to describe the effectiveness and limits of interpreting the industrial security issue by using the industrial economics. Based on the research in such routine, the book originally put forth the concepts of industrial organization security, industrial structure security, industrial layout security and industrial policy security etc. and defines those concepts on the basis of industrial economics theories. Meanwhile, the book originally proposes the industrial security classification methods, the industrial security influencing elements and the industrial security theory model all based on the theory framework of industrial economics etc.

4. The book systematically rationalizes and completes the theories of industrial protection, industrial damage, industrial international competitiveness and the industrial security evaluation and warning, and endows them with more theoretical connotation. Besides, it constructs the theory of industrial control on the basis of foreign direct investment theory and in combination with the control effects of foreign investment on industrial brand, market and technologies and sequently the theory system of industrial security consisting of theories in the foregoing five sections.

5. In order for the overall and deeply further analysis and accurate evaluation on industrial security degree, based on the research of industrial security theory system, the book constructs the industrial security evaluation model and the industrial security evaluation index system consisting of indexes at two levels, originally introduces in the dependence index of industrial export on

foreign-invested enterprises to analyze the industrial dependence on foreign, the exchange cost index to analyze the financial environment, the Revealed Comparative Advantage (RCA) to analyze the industrial international competitiveness and the industrial policy environment index to evaluate the industrial environment, and further complete and complement the industrial security evaluation system and the industrial security warning mechanism.

6. With the industrial security theory system as the theoretic basis and the industrial security evaluation system as the evaluation system, the book selects Chinese textile industry, the typically competitive industry in China, as the target of empirical analysis and security; meanwhile, selects the first, second and tertiary industries of China and main industries under the international standard classification to conduct the preliminary estimate on the security degree of Chinese industries; additionally, based on the theoretical framework of industrial economics, make an empirical analysis on industry from angles of organization security, structure security, layout security and policy security.



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第一章

导 论

一、研究产业安全理论的意义

(一) 研究产业安全的理论意义

研究产业安全理论是产业经济学理论发展的需要、是产业经济研究工作的创新、是对产业经济学理论的重要补充和完善。

产业经济学，从其理论的产生来说，有着悠久的历史渊源，但真正作为一门新兴、独立的经济学学科形成并存在，却是在 20 世纪的中叶。产业经济学理论从产生到现在已经得到了巨大的发展，其学科体系已经较为成形。从国内外学者对产业经济的研究来看，产业经济学的理论研究一般包括以下四个方面：产业组织理论、产业结构理论、产业布局理论、产业政策。

产业安全理论主要研究国际化背景下提升产业竞争力的问题。然而，长期以来，作为国家经济安全核心组成部分的产业安全问题，却一直是一个“存而不论”的课题。尽管产业安全问题在世界各国和地区的产业政策实践中广泛关注，但其在理论研究中却是被普遍忽视的。在很多论著中，产业安全往往被隐含于国家经济安全的研究中，或被贯穿于国际贸易理论中，但就产业安全理论而言，至今却尚无形成完整的理论体系。从这种意义上来讲，产业安全理论的研究是对产业经济框架的扩大和对产业经济学理论的发展。

产业安全理论体系的研究，不但有助于指导产业发展活动的实践，而且还有助于推动产业结构理论、产业布局理论、产业组织理论等产业