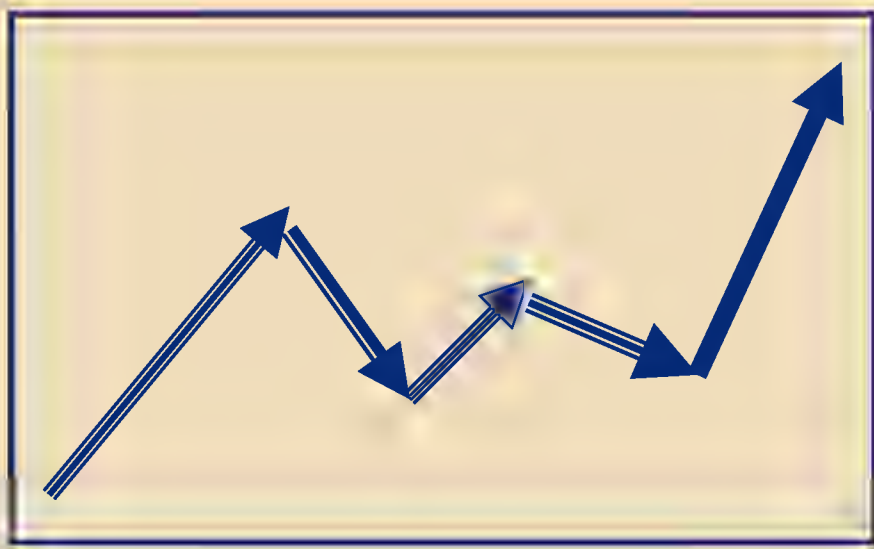


STANISŁAW PIASECKI
and
JAN W. OWSIŃSKI

**AN INTRODUCTION
TO A THEORY
OF MARKET COMPETITION**

Volume I



Warsaw 2011

STANISŁAW PIASECKI
and
JAN W. OWSIŃSKI

**AN INTRODUCTION
TO A THEORY
OF MARKET COMPETITION**

Volume I

Warsaw 2011

All the rights to the material, contained in this book, remain with the authors. For all enquiries, please address Jan W. Owsński, Aplikancka 3, 02-075 Warszawa, Poland, owsinski@ibspan.waw.pl

© by Stanisław Piasecki & Jan W. Owsński

Warsaw, January 2011

References

- Jehle G.A., Reny P.J. (1998) *Advanced Microeconomic Theory*. Longman, Inc., London.
- Łyszkiwicz W. (1999) *Industrial Organization*. WSHiFM, Warszawa.
- Malawski M., Wieczorek A., Sosnowska H. (2004) *Konkurencja i kooperacja (Competition and cooperation; in Polish)*. PWN, Warszawa.
- Malawski M., Wieczorek A., Sosnowska H. (2006) *Konkurencja i kooperacja – Teoria gier w ekonomii i naukach społecznych (Competition and cooperation – game theory in economics and social science; in Polish, Second edition)*. PWN, Warszawa.
- Piasecki S. (1968) Teoria optymalnych systemów obsługi (Theory of optimum service systems; in Polish). *Biuletyn WAT*, Dodatek, 9/68, Warszawa.
- Piasecki S. (1972) *Optymalizacja systemów obsługi technicznej (Optimisation of technical service systems; in Polish)*. WNT, Warszawa.
- Piasecki S. (1986) Wielokryterialne projektowanie linii technologicznych na przykładzie procesów obróbki (Multicriteria design of technological lines on the example of processing; in Polish). *Zeszyty Naukowe WSI w Koszalinie*, no. 9, Koszalin.
- Piasecki S. (1999) *Teoria kooperacji gospodarczej i międzynarodowej wymiany handlowej (Theory of economic cooperation and international trade exchange; in Polish)*. WSZiP im.B. Jańskiego, Warszawa.
- Piasecki S. (2000a) *Sieciowe modele symulacyjne do wyznaczania strategii rozwoju przedsiębiorstw (Network simulation models for determining enterprise development strategies; in Polish)*. Instytut Interfacji, Warszawa.
- Piasecki S. (2000b) *Oplacalność uruchomienia produkcji nowych wyrobów (Profitability of starting production of new products;*

References

- in Polish). Wyd. Polskie Naukowo-Techniczne Towarzystwo Eksploatacyjne, Lublin.
- Piasecki S. (2002-2004) Teoria rynkowej konkurencji przemysłowej (Theory of industrial market competition; in Polish). Raporty Badawcze: RB/74/2002, RB/19/2003, RB/9/2004. IBS PAN, Warszawa.
- Piasecki S. (2005a) *Podstawy logistyki*. Tom I (*Foundations of logistics*. Volume I; in Polish). WSISiZ (WIT). Warszawa 2005
- Piasecki S. (2005b) Optymalizacja logistycznego systemu dostaw (Optimisation of the logistic delivery system; in Polish). Materiały VII Międzynarodowej Konferencji 24-25.11.2005. AGH, Kraków.
- Ruth M., Hannon B. (1997) *Modeling Dynamic Economic System*. Springer-Verlag, New York-Berlin-Heidelberg.
- Salvatore D. (1995) *International Economics*. Prentice Hall International, Inc., New York.
- Tinbergen J. (1965) *International Economic Integration*. New York.
- Watson J. (2002) *Strategy*. University of California, San Diego. Polish translation: WNT, Warszawa, 2005.

This book presents a complete exposition of a coherent and far-reaching theory of market competition. It is based on simple precepts, does not require deep knowledge of either economics or mathematics, and is therefore aimed primarily at undergraduate students and all those trying to put in order their vision of how the essential market mechanisms might work. Volume II, now in preparation, shall bring the theory to further problems and results.

The logic of the presentation is straightforward; it associates the microeconomic elements to arrive at both more general conclusions and at concrete formulae defining the way the market mechanisms work under definite assumed conditions.

Some may consider this exposition too simplistic. In fact, it is deliberately kept very simple, for heuristic purposes, as well as in order to make the conclusions more clear. Adding a lot of details that make theory more realistic – these details, indeed, changing from country to country, and from sector to sector – is mainly left to the Reader, who is supposed to be able to design the more accurate image on the basis of the foundations, provided in the book.

© is with the authors.

All enquiries should be addressed to

Jan W. Owsinski, owsinski@ibspan.waw.pl