

PUBLICATIONS (last update: October 2024)

In peer-reviewed journals

"Un modèle dynamique des dépenses optimales de publicité en situation d'incertitude"
Revue Economique 25, 1974, 75-85.
(with Alexis Jacquemin)

"A note on advertising policy under uncertainty and dynamic conditions"
Journal of Industrial Economics 24, 1975, 73-78.
(with Alexis Jacquemin)

"On disequilibrium savings and public consumption"
Zeitschrift für Nationalökonomie 39, 1979, 53-61.
(with Jean Gabszewicz)

"Employment and dividend policy of the firm under risk"
Review of Economic Studies 47, 1980, 503-511.

"Apports de la théorie de l'équilibre général temporaire en analyse macroéconomique"
Recherches Economiques de Louvain 46, 1980, 27-56.

"Stationary keynesian equilibria"
European Economic Review 19, 1982, 245-258.

"Rigidité des prix relatifs, rationnement de l'offre et inflation", *Cahier du séminaire d'économétrie* 26, 1984, 13-23.
(with Jacques Drèze)

"On supply-constrained equilibria", *Journal of Economic Theory* 33, 1984, 172-182.
(with Jacques Drèze)

"Monopolistic equilibria and involuntary unemployment", *Journal of Economic Theory* 36, 1985, 160-165.

"Indexation des salaires et fluctuations macroéconomiques", *Revue d'économie politique* 96, 1986, 239-255.
(with Jean-Paul Fitoussi).

"Distributive production sets and equilibria with increasing returns to scale", *Journal of Mathematical Economics* 17, 1988, 209-230.
(with Jacques Drèze)

"Competitive equilibria with quantity-taking firms and increasing returns", *Journal of Mathematical Economics* 17, 1988, 231-248.
(with Jacques Drèze)

"Rendements d'échelle croissants et équilibre général"
Revue d'économie politique 98, 1988,
765-800.

"Revenu minimum, allocations de chômage et subventions à l'emploi"
Revue économique , 1996, 33-49.
(with Jean-Paul Fitoussi)

"Revenu minimum, niveaux de qualification et échelle de salaires"
Cahiers Luxembourgeois d'économie XII, 1997, 1-16.
English version available as [IRES Discussion Paper, 1996-09](#).
(with Jean-Paul Fitoussi)

["Efficient bargaining and labor under-utilization"](#)

Journal of Economics (Zeitschrift für Nationalökonomie) 69, 1999, 127-139.

(with David de la Croix et Eric Toulemonde)

["Imperfect competition à la Negishi, also with fixed costs"](#)

Journal of Mathematical Economics 39, 2003, 219-237.

(with Jacques Drèze and Takashi Suzuki)

["Allocation of fixed costs: characterization of the \(dual\) weighted Shapley value"](#)

International Game Theory Review 13, 2011, 1-16.

[CORE Discussion Paper 2009-35](#)

["Data games: sharing public goods with exclusion"](#)

Journal of Public Economic Theory 15, 2013, 654-673.

(with Daniela Tellone)

[CORE Discussion Paper 2008-10](#)

["Cooperative provision of indivisible public goods"](#)

Theory and Decision 74, 2013, 13-29.

[CORE Discussion Paper 2010-26](#)

["How to share joint liability. A cooperative game approach"](#)

Mathematical Social Sciences 66, 2013, 44-50.

(with Samuel Ferey)

[CORE Discussion Paper 2012-23](#)

["The Shapley value as a guide to FRAND licensing agreements"](#)

Review of Law and Economics 10, 2014, 265–284.

(with Sophie Poukens)

[CORE Discussion Paper 2013-12](#)

["Overdetermined causation cases, contribution and the Shapley value"](#)

Chicago-Kent Law Review 91, 2016, 637-658.

["Multiple causation, apportionment and the Shapley value"](#)

Journal of Legal Studies 45, 2016, 143-171.

(with Samuel Ferey)

[CORE Discussion Paper 2015-16](#)

["On Harsanyi dividends and asymmetric values"](#)

International Game Theory Review 19/3, 2017

(reprinted as chapter 26 in *Game Theoretic Analysis*, edited by L.A. Petrosyan and D.W.K. Yeung, World Scientific Publishing, Singapore, 523-558).

[CORE Discussion Paper 2015-40](#)

["Approval voting and Shapley ranking"](#)

Public Choice 184, 2020, 415-428.

(with Victor Ginsburgh)

[CORE Discussion Paper 2018-12](#) (enlarged version)

["Alternative representation of semivalues, the inverse problem and coalitional rationality"](#)

Journal of Mathematics and Statistical Science 6, 2020, 68-84.

(with Irinel Dragan)

[CORE Discussion Paper 2019-10](#)

"Sharing a collective probability of success"
Mathematical Social Sciences 123, 2023, 122-127.
[CORE Discussion Paper 2020-35](#)

"Cooperative product games"
International Game Theory Review 26, 2024.
[CORE Discussion Paper 2023-10](#)

"1-convex transferable utility games, a reappraisal"
Journal of Mathematics and Statistical Science 10, 97-118, 2024.
[CORE Discussion Paper 2021-16](#)

"A note on the relation between the Shapley value and the core
of 3-player transferable utility games"
Economics Bulletin 44/2, 611-619, 2024.
(with Pier Mario Pacini)
[CORE Discussion Paper 2024-01](#)

"Dividing the expected payoff resulting from joint actions",
Economics Bulletin, 2024
[CORE Discussion Paper 2023-17](#)

"Axiomatization of the core of positive games",
Economic Theory Bulletin, 2024
[CORE Discussion Paper 2024-11](#)

"Measuring the extent of synergies among innovation actors and their contributions: the Helix
as a cooperative game"
To appear in *Journal of Economic Information*
(with Eustache Mègnigbèto)
[CORE Discussion Paper 2024-06](#).

Other publications

"Saving behaviour and disequilibrium analysis"
in *Systèmes dynamiques et modèles économiques*, CNRS, Paris 1977, 197-212.
(with Jean Gabszewicz)

"State-dependent utility, the demand for insurance and the value of safety",
in *The value of life and safety*, M.J. Lee (ed.), North Holland, Amsterdam, 1982, 41-65.
Revised in *Premium calculations in insurance*, F. de Vylder (ed.), D. Reidel, 1984, 77-107.
(with Jacques Drèze)

"The value of environmental quality"
in *Umwelt allokation in raum*, H. Siebert (ed.), Peter Lang Verlag, Mannheim, 1982, 75-92.

"Unemployment",
entry in *Business cycles and depressions. An encyclopedia*, D. Glasner (ed.), Garland
Publishing, 1997.

"Wage indexation and macroeconomic fluctuations"
in *Wage rigidity, employment and economic policy*, W. Beckerman (ed.),
Duckworth, London, 1986, 201-117.
(with Jean-Paul Fitoussi)

"Equilibre de stagflation et indexation des salaires"
in *Macro-dynamique et déséquilibres*, J.-P. Fitoussi et P.A. Muet (eds.), Economica
Paris, 1987, 163-184.
(with Jean-Paul Fitoussi)

"Edmond Malinvaud: Réexamen de la théorie du chômage" *Dictionnaire des grandes
oeuvres économiques*, X. Greffe et al. (eds.), Dalloz, 2002, 317-324.

"From uncertainty to macroeconomics and back: An interview of Jacques Drèze",
Macroeconomics Dynamics 9, 2005, 429-461.
Reprinted in "*Inside the economist's mind*", Samuelson P.A. and W.A. Barnett (eds.),
Blackwell Publishing, 2006, 278-306.
(with Omar Licandro)

Review of "*The world as a mathematical game. John von Neumann and twentieth century
science*" by G. Israel and A. M. Gasca, Birkhäuser, Basel, 2009
in *Weboeconomia*, 2011.

"Surdétermination causale, contributions et répartition"
in *Causalité, responsabilité et contribution à la dette*, S. Ferey et F. G'Sell (eds.),
Bruylant, Bruxelles, 2018, 291-313.
(with Samuel Ferey)

"A propos de la proposition du Ministre Koen Geens de donner 5 voix à chaque électeur",
Regards Economiques – Focus 23, 2019.
(with Victo Ginsburgh)
[Focus 23](#)

Books

"*Théorie des jeux. Conflit, négociation, partage et pouvoir*", Economica, Paris, 2017 (See
<https://perso.uclouvain.be/pierre.dehez/Corrigendum.pdf>). Revised and translated as:

"*Conflitto, contrattazione, cooperazione e potere. Introduzione alla teoria dei giochi.*",
a cura di Pier Mario Pacini (Università di Pisa), Giappichelli, Torino, 2021.

"*Game theory for the social sciences. Conflict, bargaining, cooperation and power*"
Springer, Heidelberg, 2024.

"*Cooperation and fair division. The Shapley value and related concepts*", in preparation.

Discussion papers (unpublished)

"Shapley compensation scheme" (contains the definition of data games)
[CORE Discussion Paper 2007-94](#)

"Incomplete market economies. The seminal work of Diamond, Drèze and Radner"
[CORE Discussion Paper 2012-29](#)

"The assembly line or the fat capitalist. A Mexican tale by B. Traven" (with Victor
Ginsburgh), [CORE Discussion Paper 2022-14](#)

"Leniency in antitrust investigations as a cooperative game" (with Samuel Ferey) [CORE
Discussion Paper 2024-08](#).

Unpublished mimeos

"La théorie dynamique de la firme selon Alchian et le Principe du Maximum" (Alchian's dynamic theory of the firm and the Maximum Principle), Department of Economics, UCL, 1972.

"Analyse théorique et méthodes de mesure des avantages collectifs de la qualité de l'eau d'une rivière" (Theoretical analysis of the collective advantages of the water quality of a river), [Document de travail CB 1/9](#).

Programme national de recherche et de développement sur l'environnement physique et biologique, Commission interministérielle de la politique scientifique, 1974.

"Les conditions d'efficacité économique et de légitimation démocratique des développements de la société de l'information" (Economic efficiency and democratic legitimacy of the development of the information society), CPDR, UCL, 1994 (with André Berten, Robert Cobbaut, Jean De Munck, Jacques Lenoble and Yves Smeers).

"Competitive pricing, free entry and increasing returns in a general equilibrium framework" CORE and Universitat Pompeu Fabra, Barcelona, 2009 (with Xavier Calsamiglia).

Translations (into French)

Paul De Grauw, "*Les limites du marché. L'oscillation entre l'Etat et le capitalisme*", De Boeck, Louvain-la-Neuve, 2016.

(originally published in Dutch under the title *De limieten van de markt*, Lannoo, 2014).

Eyal Winter, "*Libérez vos émotions. Pourquoi elles sont plus rationnelles que nous le pensons*", De Boeck, Louvain-la-Neuve, 2017.

(from the English version *Feeling smart*, Public Affairs, 2014 – originally published in Hebrew).

A commented bi(bli)ography (with some anecdotes) is available at perso.uclouvain.be/pierre.dehez/vita/publications-stories.pdf

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