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REPRESENTATIVE PAPERS

Game Theory - Algorithms

1. Gambarelli, G. (1980) "Algorithm for the numerical computation of the Shapley value of a game" *Rivista di Statistica Applicata*, 13, 1, 35-41.
2. Gambarelli, G. (1981) "Algorithm for automatic generation of the winning coalitions in weighted majority games" *Quaderni del Dipartimento di Matematica, Statistica, Informatica ed Applicazioni*, Istituto Universitario di Bergamo, 1, 1-21.
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[Game Theory - Bargaining](#) n. 2

[Game Theory - Cooperative Games](#) n. 1,5.

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5. Gambarelli, G. (1990) "A new approach for evaluating the Shapley value" *Optimization* 21, 3, 445-452.
6. Gambarelli, G. and [J. Holubiec](#) (1994) "Power Indices" *Proc. of the Italian-Polish-Finnish Symposium on Systems Analysis and Decision Support Systems in Economics and Technology*, (R. Kulikowski, K. Szatula, [J. Kacprzyk](#) eds.), Omnitech Press, Warsaw, 100-106.
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See also:

[Game Theory - Algorithms](#)

[Game Theory - Bargaining](#)

[Game Theory – International Economics](#)

[Game Theory - Political Application](#)

[Game Theory - Financial Application](#)

[Game Theory - Political and Financial Applications](#)

[Scientific Books \(editor\)](#) n. 2

[Scientific Books \(author\)](#) n. 3, 6

Game Theory - History

1. Gambarelli, G. and [G. Owen](#) (1994) "50 Years of Game Theory" *Journal of European Business Education*, 4, 1, 30-45.
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2. Gambarelli G. and [G. Owen](#) (2004) "The Coming of Game Theory" *Essays on Cooperative Games - in honor of Guillermo Owen* (G. Gambarelli, ed.) Special Issue of Theory and Decision, Vol. 36, Kluwer Academic Publishers, Dordrecht, 1-18.

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1. Gambarelli G., [J. Holubiec](#) and [J. Kacprzyk](#) (1988) "Modeling and Optimization of International Economic Cooperation via Fuzzy Mathematical Programming and Cooperative Games" *Control and Cybernetics*, 17, 4, 325-335.
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4. Gambarelli, G. and [S. Greco](#) (1998) "I giochi della politica italiana" ("*Italian Political Games*") *Ricerca* 10/11, 6-9.
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2. Gambarelli, G. (1982) "The control quota component in the price of shares" *Rivista di Matematica per le Scienze Economiche e Sociali*, 5, 1, 53-63.
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Politische Ökonomie, Vol. 20), Tübingen: Mohr Siebeck, 57-68.

See also:

[Game Theory - Algorithms](#) n. 2,3,4

[Game Theory - Bargaining](#) n. 2

[Game Theory - Cooperative Games](#) n. 3,4,6.

[Game Theory - Political Applications](#)

[Game Theory - Financial Applications](#)

Geometry - Affine Spaces

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1. Gambarelli, G. (1986) "Transformations and consecutivities on a ring for computational applications" *Optimization*, 775-783.
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See also [Scientific Books \(author\)](#) n. 3, 5, 6

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2. Gambarelli, G. and [F. Rossetti](#) (2004) "Sulle opere matematiche minori di Lorenzo Mascheroni" ("*On Minor Mathematical Works of Lorenzo Mascheroni*"). Lorenzo Mascheroni - Scienza e letteratura nell'età dei Lumi. Bergamo University Press, Ed. Sestante (Matilde Dillon Wanke and Duccio Tongiorgi eds.), Bergamo, 49-55.

See also:

[Game Theory - History](#)

[Computer Science](#) n 2,3.

[Scientific Books \(editor\)](#) n. 1

Computer Science

1. Gambarelli, G. (1979) "Una proposta di standardizzazione per programmi scritti in linguaggio ASSEMBLER" ("*A Standardization for ASSEMBLER Programs*") *Informatica* 70, 7, 73, 45-52.
2. Gambarelli, G. (1990) "Una nuova Matematica per una nuova Informatica" ("*New Mathematics for New Computer Science*") *Annali della Pubblica Istruzione*, Le Monnier, Firenze, 36, 4, 367-373.
See also [book](#) n. 1.
3. Gambarelli, G. (1997) "Matematica per l'uomo nell'età del software" ("*Mathematics for Man in the Software Age*") *Attività algoritmiche e pensiero didattico nell'insegnamento della Matematica, Atti del Congresso Nazionale Mathesis, Caserta*, 85-93.

Transportation Theory

1. [Bonati, G.](#), G. Gambarelli and [S. Stefani](#) (1985) "Users modal split for a transportation network with one origin and one destination" *Ricerca Operativa*, 15, 33, 73-89.
[Scientific Books \(author\)](#) n. 3
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BOOKS

LITERARY BOOKS (author)

1. Gambarelli, G. (2001) *Stagioni (Seasons)* Gruppo artistico Fara, Bergamo, 36 pages.
2. Gambarelli, G. (2003) *Rais (Radici - poesie in bergamasco) (Roots - poetries in Bergamo dialect)* Grafica & Arte, Bergamo, 32 pages.
3. Gambarelli, G. (2005) *Anche i matematici hanno un'anima? (Do Mathematicians have souls too?)* VII ed. Campanotto, Pasian di Prato (UD) vol. I: *Stagioni (Seasons)*, 96 pages; vol. II: *Seriosità (Prose works)*; vol. III: *Scherzi (Jokes)*.

Moreover, some works won literary prizes and are quoted in various anthologies.

LITERARY BOOKS (editor)

1. Gambarelli, G. (editor) (1999) *Itinerari dannunziani (Dannuntian Routes)* Edizioni dell'Ateneo, Bergamo, 134 pages.

Further organizing activities have been built as president of the Orobic Cenacle (a poetry association born in 1955).

SCIENTIFIC BOOKS (author)

1. Gambarelli, G. and [A. Resti](#). (1991) *Introduzione all'informatica per managers (An Introduction to Computer Science for Managers)* Angeli, Milano, 387 pages.
2. Gambarelli, G. (1991) *Come preparare la tesi scientifica di laurea o dottorato (How to prepare a scientific degree or PH.D thesis)* SIPIEL, Milano, 130 pages.
3. Gambarelli, G. and [G. Pederzoli](#) (1992) *Metodi di decisione (Methods of Decision Making)* Hoepli, Milano, 305 pages.
4. Gambarelli, G. and [Z. Lucki](#) (1998) *Jak Przygotowac' Prace Dyplomowa Lub Doktorska*. In Polish (*How to prepare a scientific degree or PH.D thesis*) III ed., Universitas, Krakow, 155 pages.
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2nd edition Giappichelli, Torino (I ed. CEDAM, Padova, 1997), 150 pages.

6. Gambarelli, G. and [S. Mercanti](#), (tables by Bruno Bozzetto)(2005) *Matematica Indolore (Painless Mathematics)* V ed. Giappichelli, Torino (forthcoming).

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1. Gambarelli, G. (editor) (2001) *La Matematica e le sue applicazioni (Mathematics and Applications)* Edizioni dell'Ateneo, Bergamo, 96 pages.
 2. Gambarelli G. (editor) (2004) *Essays on Cooperative Games – in honor of Guillermo Owen*, Special Issue of *Theory and Decision*, Vol. 36, Kluwer Academic Publishers, Dordrecht, 240 pagg.
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