

Modelització i simulació aplicades a la recerca i interpretació de camps de batalla

Xavier Rubio Campillo

Director de Tesi: Francesc Xavier Hernàndez Cardona

Programa de Doctorat en Didàctica de les Ciències Socials i del Patrimoni

Bienni 2005-2007

Universitat de Barcelona

Març 2009

Bibliografia

- Ainslie, Charles Philip de (1887). *Historical Record of the First of the Royal Regiment of Dragoons*. UK: Chapman & Hall.
- Allsop, Derek i Glenn Foard (2007). “Case Shot: An Interim Report on Experimental firing and Analysis to Interpret Early Modern Battlefield Assemblages”. A: *Journal of Conflict Archaeology* 3, pp. 111–146.
- Alòs, Llorenç Ferrer i (1998). *La Vinya al Bages : mil anys d'elaboració de vi*. Manresa: Centre d'Estudis del Bages.
- Andújar, Francisco (2004). *El sonido del dinero. Monarquía, ejército y venalidad en la España del siglo XVIII*. Madrid: Marcial Pons.
- Anthelme, Tricaud (1715). *Histoire de la Derniere revolte des Catalans et du siege de Barcelone*. Lió: Thomas Amaulry.
- Aris, Rutherford (1978). *Mathematical modelling techniques*. UK: Pitman.
- Ashby, Neil (2007). *Relativity in the Global Positioning System* (consultat 19/03/2009).
- Aumann, Robert (1987). “Game Theoy”. A: *The New Palgrave* 2, pp. 460–482.
- Bacallar y Sanna, Vicente (1957). *Comentarios de la Guerra de España e Historia de su rey Felipe V, el Animoso*. Madrid: BAE.
- Barceló, Juan Antón (1996). *Arqueología Automática. Inteligencia Artificial en Arqueología*. Vol. 2. Cuadernos de Arqueología Mediterránea. Sabadell: Editorial AUSA.
- (2008). *Computational Intelligence in Archaeology*. USA: Information Science Reference.

- Bernard, Gilles i Gérar Lachaux (2005). *Waterloo Relics*. France: Histoire et Collections.
- Binmore, Ken (1992). *Fun and Games. A text on Game Theory*. USA: D.C. Heath & Company.
- Black, Jeremy (2004). *Rethinking Military History*. UK: Routledge.
- Bonet, Antonio, Maria Carme Montaner, i Émilie d'Orgeix (2007). *La Guerra de Successió: el setge de Cardona, 1711*. Sant Vicenç de Castellet: Ajuntament de Cardona.
- Boyer, Abel (1711). *History of the reign of Queen Anne*. UK: Thomas Ward Print.
- Brams, Steven J. i D. Marc Kilgour (1989). *Teoría de Juegos y Seguridad Nacional*. Madrid: Ministerio de Defensa.
- Bratley, Paul, Bennett L. Fox, i Linus E. Schrage (1987). *A Guide to Simulation*. USA: Springer-Verlag.
- Breman, Joseph (2003). "Marine Archaeology Goes Underwater with GIS1". A: *Journal of GIS in Archaeology* 1, pp. 23–32.
- Bruguera, Mateo (1871). *Historia del memorable sitio y bloqueo de Barcelona y heroica defensa de los fueros y privilegios de Cataluña del 1713 y 1714*. Barcelona: Fiol i Gros.
- Brynielsson, Joel (2006). "A gaming perspective on command and control". Tesi Doct. Stockholm: Kungliga Tekniska högskolan.
- Burt, Richard (2008). "Crater analysis at Pointe du Hoc site, Normandy, France". A: *Fields of Conflict Conference*. Ghent.
- Carman, John i Patricia Carman (2006). *Bloody Meadows. Investigating Landscapes of Battle*. UK: Sutton Publishing.
- Carnap, Rudolf, Oskar Morgenstern, i Norbert Wiener (1974). *Matemáticas en las ciencias del comportamiento*. Madrid: Alianza Editorial.
- Carrera, Lluís Pujal i (1988). *Antoni Desvalls i de Vergós, marquès del Poal*. Barcelona: El Llamp.
- Carreras Bulbena, Josep Rafel (1902). "Carlos de Austria y Elizabeth de Brunswick Wolfenbüttel a Barcelona y Girona". A: *L'avenç*.

- Castellví, Francesc de (1999b). *Narraciones Históricas*. Vol. IV. Madrid: Fundación Elías de Tejada.
- (1999a). *Narraciones Históricas*. Vol. III. Madrid: Fundación Elías de Tejada.
- Cerro Nargánez, Rafael (1998). “José Carrillo de Albornoz y Montiel, conde de Montemar: un militar andaluz entre Cataluña e Italia (1694-1725)”. A: *Pedralbes: revista d'història moderna* 2.18, pp. 531–538.
- César, Julio (2003). *Comentarios a la Guerra Civil*. Madrid: Alianza Editorial.
- Chandler, David G. (1990). *The art of Warfare in the Age of Marlborough*. USA: Sarpedon Publishers.
- (2000). *Marlborough as Military Commander*. UK: Penguin Books.
- (2005). *Las campañas de Napoleón*. Madrid: La esfera de los libros.
- Churchill, Winston (1947). *Marlborough, his life and times*. Vol. 1. UK: George G. Harrap & Co Ltd.
- Cipolla, Carlo Maria (1999). *Las máquinas del tiempo y de la guerra*. Barcelona: Editorial Crítica.
- Clarke, David L., ed. (1977). *Spatial archaeology*. USA: Academic Press.
- Clements, Richard i Roger L. Hughes (2004). “Mathematical modelling of a medieval battle: the Battle of Agincourt, 1415”. A: *Mathematics and Computers in Simulation* 64, pp. 259–269.
- Coxe, William (1815). *Memoirs of the Kings of Spain of the House of Bourbon*. Vol. 2. UK: Longman.
- (1820). *Memoirs of John Churchill Duke of Marlborough*. Vol. 5. UK: Longman.
- Creveld, Martin van (2004). *Supplying War. Logistics from Wallenstein to Patton*. USA: Cambridge University Press.
- Dann, John C. (1980). *The Revolution remembered. Eyewitness accounts of the war for Independence*. USA: University of Chicago Press.
- Demers, Michael N. (2003). *Fundamentals of Geographic Information Systems*. USA: John Wiley i Sons Inc.
- Dijkstra, Edsger W. (1959). “A Note on Two Problems in Connexion with Graphs”. A: *Numerische Mathematik* 1, pp. 269–271.

- Doran, Jim (2006). "Modelling a Typical Guerrilla War". A: *Proceedings of the IE-EE Workshop on Distributed Intelligent Systems: Collective Intelligence and Its Applications*. IEEE Computer Society, pp. 285–290.
- Dresher, Melvin (1981). *The Mathematics of Games of Strategy*. USA: The Rand Corporation.
- Duffy, Christopher (1996). *Fire and Stone: The Science of Fortress Warfare, 1660-1860*. USA: Greenhill Books.
- (1998). *The military experience in the age of reason*. UK: Wordsworth Editions.
- (2000). *Instrument of War*. Vol. 1. The Austrian Army in the Seven Years War. USA: The Emperor's Press.
- (2003). *Prussia's Glory*. USA: The Emperor's Press.
- (2008). *By Force of Arms*. Vol. 2. The Austrian Army in the Seven Years War. USA: The Emperor's Press.
- English Heritage (2002). *Military Aircraft Crash Sites. Archaeological guidance on their significance and future management*.
- (2003). *Twentieth-Century Military Sites. Current approaches to their recording and conservation*.
- (2004). *Grants for War Memorials*.
- (2005). *Easy Access to Historic Landscapes*.
- Espino, Antonio (1993). "La historia militar. Entre la tradición y la renovación". A: *Manuscrits* 11, pp. 215–242.
- (2006). "La mobilització militar catalana durant la Guerra de Successió". A: *Manuscrits* 24, pp. 125–150.
- Falkner, James (2005). *Marlborough's Wars. Eyewitness Accounts 1702-1713*. UK: Pen & Sword Books.
- Faucherre, Nicolas (2007). *La place forte de Mont-Dauphin : L'héritage de Vauban*. Les grands témoins de l'architecture. France: Actes Sud.
- Feliu, Gaspar (1991). *Precios y Salarios en la Cataluña Moderna*. Vol. 1. Alimentos. Estudios de Historia Económica 21. Madrid: Banco de España.
- Foard, Glenn (2007). *Naseby, the decisive campaign*. UK: Pen & Sword Books.

- Frederic II de Prússia (1999). *Frederick the Great on The Art of War*. Ed. by Jay Luvaas. USA: Da Capo Press.
- Freind, John (1707). *An Account of the Earl of Peterborow's Conduct in Spain, chiefly since the Raising the Siege of Barcelona, 1706; To which is added the campaign of Valencia*. UK: Jonah Bowyer.
- Gaffney, C. et al. (2004). "D-Day: Geophysical Investigation of a World War II German Site in Normandy, France". A: *Archaeological Prospection* 11, pp. 121–128.
- Gaffney, Helen (2006). "Superiority of numbers: methodologies for modelling the behaviour of armies". A: *General Issues in the Study of Medieval Logistics*. USA: Brill Academic Publishers, pp. 251–272.
- García Sanjuán, Leopoldo (2005). *Introducción al Reconocimiento y Análisis Arqueológico del Territorio*. Barcelona: Ariel Prehistoria.
- Glarner, Herbert (2007). *Digital Elevation Model*. URL: <http://herbert.gandraxa.com/herbert/dem.asp> (consultat 19/03/2009).
- Glover, Gareth (2007). *From Corunna to Waterloo: The Letters and Journals of Two Napoleonic Hussars, 1801-1816*. USA: Greenhill Books.
- Goldsworthy, Adrian (2001). *Cannae*. UK: Cassell & Co.
- González Carvajal, José (1843). *La España de los borbones*. Madrid: Sociedad Poligráfica.
- González Ruibal, Alfredo (2008). "Arqueología de la Guerra Civil Española". A: *Complutum* 19.2, pp. 11–20.
- Grau Mira, Ignacio, ed. (2006). *La aplicación de los SIG en la Arqueología del Paisaje*. Alacant: Universidad de Alicante.
- Grávalos González, Luis, ed. (1987). *Ordenanzas Militares del Archiduque Carlos*. Madrid: Ministerio de Defensa.
- Greene, Brian (2006). *El Universo elegante: supercuerdas, dimensiones ocultas y la búsqueda de una teoría final*. Barcelona: Editorial Crítica.
- Greif, Avner (2003). "Economic History and Game Theory: a Survey". A: ed. by Robert Aumann. Vol. 3. *Handbooks in Economics*. Països Baixos: North-Holland, pp. 1989–2024.

- Grossklags, Jens (2007). "Experimental economics and experimental computer science: a survey". A: *Proceedings of the 2007 workshop on Experimental computer science*. USA: Association for Computing Machinery.
- Guevara, Ernesto "Che" (2006). "Principios generales de la lucha guerrillera". A: *La guerra de guerrillas*. Australia: Ocean Press.
- Haldon, John F., ed. (2006). *General Issues in the Study of Medieval Logistics*. USA: Brill Academic Publishers.
- Halpern, Joseph Y. (2003). *Reasoning about uncertainty*. USA: MIT Press.
- Hanson, Victor Davis (2000). *The Western Way of War: Infantry Battle in Classical Greece*. UK: University of California Press.
- Hernàndez, Francesc Xavier (2001). *Història Militar de Catalunya*. Vol. 1. Barcelona: Rafael Dalmau.
- ed. (2007). *Campos de batalla, espacios de guerra*. Vol. 51. Íber. Didáctica de las Ciencias Sociales, Geografía e Historia. Barcelona: Graó.
- Hernàndez, Francesc Xavier i Francesc Riart (2007). *Els exèrcits de Catalunya 1713-1714*. Barcelona: Rafael Dalmau.
- Hernàndez, Francesc Xavier i Xavier Rubio (2008). *La batalla de Cardedeu 1808. 200 Anys de la Guerra del Francès*. Cardedeu: Ajuntament de Cardedeu.
- Hernàndez, Francesc Xavier et al. (2004). *Ebro 1938*. Barcelona: Inédita Editores.
- Hochedlinger, Michael (1999). "Bella gerant allii...? On the state of Early Modern Military History om Austria". A: *Austrian History Yearbook* XXX, pp. 237–277.
- Horn, Berthold K. P. (1981). "Hill Shading and the Reflectance Map". A: *Proceedings of the IEEE*. Vol. 69. 1. Institute of Electrical i Electronics Engineer, pp. 13–47.
- Hughes, B. P. (1997). *Firepower: Weapons Effectiveness On The Battlefield 1630-1850*. USA: Sarpedon Publishers.
- Huizinga, Johan (1972). *Homo Ludens*. Madrid: Alianza Editorial.
- Hyksova, Magdalena (2004). "Several milestones in the history of game theory". A: *VII Österreichisches Symposium zur Geschichte der Mathematik*. VII Österreichisches Symposium zur Geschichte der Mathematik. Viena, pp. 49–56.

- Ilachinski, Andrew (2004). *Multiagent-Based Simulation of Combat*. USA: World Scientific Publishing.
- Isaacs, Rufus (1999). *Differential Games: A Mathematical Theory with Applications to Warfare and Pursuit, Control and Optimization*. UK: Dover Publications.
- Israel, Giorgio i Ana Millán Gasca (2001). *El mundo como un juego matemático*. Madrid: Nivola Ediciones.
- Jaume Ier (2008). *Llibre dels Fets*. Ed. by Jordi Bruguera. Barcelona: Editorial Proa.
- Jorba Monte, Àngel i Josep Masdemont Soler (1995). *Introducció a la simulació*. Barcelona: Universitat Politècnica de Catalunya.
- Jörgensen, Christer et al. (2006). *Fighting Techniques of the Early Modern World AD1500-AD1763*. USA: Thomas Dunne Books.
- Keegan, John (1983). *The Face of Battle*. USA: Penguin Books.
- (1988). *The Mask of Command*. USA: Penguin Books.
- (1994). *A history of warfare*. USA: Random House.
- Kegel, James A. (1996). *North with Lee and Jackson. The lost story of Gettysburg*. USA: Stackpole Books.
- Kemp, Anthony (1980). *Weapons and Equipment of the Marlborough wars*. UK: Blandford Press.
- Kinross, John (2004). *Discovering Battlefields of England and Scotland*. UK: Shire Publications.
- Klamkin, Murray S., ed. (1987). *Mathematical modelling: Classrooms Notes in Applied Mathematics*. USA: Society for Industrial i Applied Mathematics.
- Kohler, Timothy A. (2000). “Putting Social Sciences Together Again: An Introduction to the Volume”. A: *Dynamics in Human and Primate Societies*. USA: Santa Fe Institute in the Sciences of Complexity, pp. 1–18.
- Kohler, Timothy A. i Sandra C. Parker (1986). “Predictive Models for Archaeological Resource Location”. A: *Advances in Archaeological Method and Theory* 9, pp. 397–452.
- Krygier, John i Dennis Wood (2005). *Making Maps. A Visual Guide to Map Design for GIS*. USA: The Guilford Press.

- Latimer, John (2001). *Tobruk 1941. Rommel's opening move*. UK: Osprey Publishing.
- Lendon, Jon E. (1999). "The Rhetoric of Combat: Greek Military Theory and Roman Culture in Julius Caesar's Battle Descriptions". A: *Classical Antiquity* 18, pp. 273–329.
- Leonard, Robert J. (1995). "From Parlor Games to Social Science: Von Neumann, Morgenstern, and the Creation of Game Theory 1928-1944". A: *Journal of Economic Literature* 33.2, pp. 730–761.
- Longley, Paul A. et al. (2006). *Geographic Information Systems and Science*. USA: John Wiley i Sons Inc.
- Lord Mahon (1832). *History of the War of Succession in Spain*. UK: John Murray.
- Luis Cervera, José (2006). *Joan Baptista Basset. Vida i mort del líder maulet*. València: Tres i Quatre S.L.
- Lynn, John A. (1993). *Feeding Mars. Logistics in Western Warfare from the Middle Ages to the Present*. USA: Westview Press.
- (2003). *Battle. A History of Combat and Culture*. USA: Westview Press.
- MacDonald, John (1997). *Grandes batallas del mundo*. Barcelona: Ediciones Folio.
- Mannen, Henk (2003). "Learning to play Chess using reinforcement learning with database games". MA thesis. Països Baixos: Utrecht University.
- Manrique, Raquel Valdenebro (1994). *El Castell i el poble de Talamanca*. Manresa: Centre d'Estudis del Bages.
- Manual de Frascati. Medición de las actividades científicas y tecnológicas* (2002). Tech. rep. Organización para la Cooperación y el Desarrollo Económicos.
- Martí Escayol, Maria Antònia (2001). "Catalunya dins la xarxa científica de la il·lustració. John Polus Lecaan: medicina i botànica a Barcelona durant la Guerra de Successió". A: *Manuscrits* 19, pp. 175–194.
- Matas, Jaume i Jordi Galofré (1992). *Historia de Cataluña*. Barcelona: Grupo Z.
- Matoušek, Václav (2005). "Building a Model of a Field Fortification of the Thirty Years' War near Olbramov (Czech Republic)". A: *Journal of Conflict Archaeology* 1.1, pp. 115–132.

- Ministry at Home (1712). *An Impartial enquiry into the management of the war in Spain*. London: John Morphew.
- Mitášová, Helena i Jaroslav Hofierka (1993). "Interpolation by regularized spline with tension: II. Application to terrain modeling and surface geometry analysis". A: *Mathematical Geology* 25.6, pp. 657–669.
- Mitášová, Helena i Lubos Mitáš (1993). "Interpolation by regularized spline with tension: I. Theory and implementation". A: *Mathematical Geology* 25.6, pp. 641–655.
- Mitchell, Joseph B. (2004). *Decisive Battles of the American Revolution*. USA: Westholme Publishing.
- Mizoguchi, Fumio i Hironori Hiraishi (2003). "Map Drawing Based on a Resource-Constrained Search for a Navigation System". A: *Local Search for Planning and Scheduling*. Vol. 21. Lecture Notes in Computer Science. Alemania: Springer Berlin / Heidelberg, pp. 158–169.
- Molas, Pere (2000). "El Marquès d'Aitona a la Guerra de Successió". A: *Butlletí de la Societat Catalana d'Estudis Històrics* 11, pp. 51–59.
- ed. (2007). *Memorias del duque de Berwick*. Alacant: Universidad de Alicante.
- Neumann, John von i Oskar Morgenstern (1944). *Theory of games and economic behaviour*. USA: Princeton University Press.
- Newell, Allen (1982). "The knowledge level". A: *Artificial Intelligence* 18.1, pp. 87–127.
- Núñez Andrés, Amparo (2001). "Definición y objetivos de un SIG". A: *Papers de la Càtedra UNESCO UPC*. Ed. by Universitat Politècnica de Catalunya. 8. URL: <http://hdl.handle.net/2099/1729> (consultat 19/03/2009).
- Olmert, Michael i Suzanne E. Coffman (2000). *Official guide to colonial Williamsburg*. USA: The Colonial Williamsburg Foundation.
- Osborne, Martin J. i Ariel Rubinstein (1994). *A course in Game theory*. USA: The MIT Press.
- O'Shea, Tim i John Self (1985). *Enseñanza y Aprendizaje con Ordenadores. Inteligencia Artificial en educación*. Madrid: Anaya Multimedia.

- Ostwald, Jamel (2000). "The 'Decisive' Battle of Ramillies, 1706: Prerequisites for Decisiveness in Early Modern Warfare". A: *Journal of Military History* 64.3, pp. 649–677.
- (2007). *Vauban Under Siege. Engineering Efficiency and Martial Vigor in the War of the Spanish Succession*. USA: Brill Academic Publishers.
- Paoletti, Ciro (2006). "Prince Eugene of Savoy, the Toulon Expedition of 1707, and the English Historians- A Dissenting View". A: *Journal of Military History* 70.4.
- Parker, Geoffrey (1996). *The Military Revolution: Military Innovation and the Rise of the West, 1500-1800*. UK: Cambridge University Press.
- (2004). *The Army of Flanders and the Spanish Road 1567-1659*. USA: Cambridge University Press.
- (2005). "The "Military Revolution". 1955-2005: From Belfast to Barcelona and the Hague". A: *Journal of Military History* 69.1, pp. 205–209.
- Parnell, Arthur (1905). *The War of the Succession in Spain during the Reign of Queen Anne (1702-1711)*. UK: George Bell i sons.
- Pearl, Judea (1985). *Heuristics. Intelligent Search Strategies for Computer Problem Solving*. USA: Addison-Wesley Publishing Company.
- Pedrozo Galra, Antonio, ed. (1710). *Relaçam da Batalha, que se deu entre os dous Exercitos de Catalunha, & Castella, em 27. de Julho passado, junto a Almenara*. Lisboa.
- Perrett, Bryan (2001). *The Taste of Battle. Front Line Action 1914-1991*. UK: Cassell Military Paperbacks.
- Peterson, D. (2003). *The roman legions recreated in colour photographs*. UK: The Crowood Press Limited.
- Picq, Ardant du (1921). *Battle Studies. Ancient and Modern Battle*. US Army.
- Pitaval, Gayot de (1715). *Histoire des Combats d 'Almenar et de Pennalva, des Batailles de Saragosse, de Villaviciosa, et du siege de Gironne*. França: Claude Jombert.
- Prigogine, Ilya (2008). *Las leyes del caos*. Barcelona: Drakontos Bolsillo.

- Raa, Ten (1956). *Het Staatsche Leger*. Vol. VII. Gravenhage: Koninklijke Militaire Akademie.
- Rhind, David W. (1988). "A GIS Research Agenda". A: *International Journal of Geographic Information Systems* 2, pp. 23–28.
- Ríos, Sixto (1995). *Modelización*. Madrid: Alianza Universidad.
- Roth, Jonathan P. (1999). *The Logistics of the Roman army at war: 264 B.C. - A.D. 235*. USA: Brill Academic Publishers.
- Rubio, Xavier (2008). *Almenar 1710. Una victòria anglesa a Catalunya*. Calafell: Llibres de Matrícula.
- Russell, Stuart i Peter Norvig (2004). *Inteligencia Artificial. Un enfoque moderno*. 2nd ed. Madrid: Pearson Prentice Hall.
- Sáez Abad, Rubén (2007). *La Guerra de Sucesión Española: 1702-1715*. Madrid: Almena.
- Sales, Núria (1984). *Senyors bandolers, miquelets i botiflers*. Barcelona: Editorial Empúries.
- Santacana, Joan i Francesc Xavier Hernández (2006). *Museología Crítica*. Gijón: Ediciones Trea.
- Santacana, Joan i Núria Serrat (2005). *Museografía Didáctica*. Ariel.
- Scott, Douglas D. et al. (1989). *Archaeological Perspectives on the Battle of Little Bighorn*. USA: University of Oklahoma Press.
- Serra, Francesc i Gustau Erill (2008). *La batalla de Talamanca*. policòpia.
- Shannon, Robert E. (1976). "Simulation modeling and methodology". A: *Proceedings of the 76 Bicentennial conference on Winter simulation*. Winter Simulation Conference, pp. 9–15.
- Shapiro, Michael i James D. Westervelt (1991). *r.mapcalc: An Algebra for GIS and Image Processing*. Tech. rep. U.S. Army Construction Engineering Research Laboratory.
- Shapley, L. i M. Shubik (1954). "A method for evaluating the distribution of power in committee system". A: *American Political Science Review* 48, pp. 787–792.

- Smith, John Maynard (1982). *Evolution and the Theory of Games*. UK: Cambridge University Press.
- Snow, Charles P. (1977). *Las Dos culturas y un segundo enfoque*. Madrid: Alianza Editorial.
- Soldevila, Ferran (1995). “Anglaterra i Catalunya. Les relacions anglo-catalanes durant la Guerra de Sucessió”. A: *Manuscrits* 13, pp. 13–27.
- Soler, Toni (1998). *Història de Catalanya (modèstia a part)*. Barcelona: Columna.
- Stewart, Ian (2007). *Juega Diós a los dados?* Barcelona: Drakontos Bolsillo.
- Sutherland, Timothy (2005). “The Battle of Agincourt: An Alternative location?” A: *Journal of Conflict Archaeology* 1.1, pp. 245–263.
- Thoyras, Rapin de (1749). *Histoire d'Angleterre*. Vol. XXVI. La Haye: Alexandre de Rogissart.
- Tolstoy, Leo (2009). “Guerra i Pau”. A: vol. XIV. The Gutenberg Project. Cap. 2.
- Torras Ribé, Josep Maria (2003). “Catalunya després de la batalla d'Almansa: els desastres de la guerra contra la població civil (1707-1711)”. A: *Pedralbes: revista d'història moderna* 24, pp. 311–336.
- (2005). *Felip V contra Catalunya : testimonis d'una repressió sistemàtica : 1713-1715*. Barcelona: Rafael Dalmau.
- Torres, Joshua M. (2006). *Geographical Information Systems (GIS) Modeling in Archaeological Research Context*. URL: <http://www.clas.ufl.edu/users/jtorres/research.htm> (consultat 19/03/2009).
- Trigg, Jonathan (2007). “Memory and Memorial: A Study of Official and Military Commemoration of the Dead, and Family and Community Memory in Essex and East London”. A: *Journal of Conflict Archaeology* 3.1, pp. 295–315.
- Troiani, Don i James L. Kochan (2007). *Soldiers of the American Revolution*. USA: Stackpole Books.
- Vauban, Sébastien Le Prestre de (1742). *De l'attaque et de la defense des places*. La Haye: Chez Pierre de Hondt.
- Voltaire (1751). *Le Siècle de Louis XIV*. URL: <http://www.voltaire-integral.com/> (consultat 19/03/2009).

- Wagstaff, Malcolm (2006). "Network Analysis and Logistics: Applied Topology". A: *General Issues in the Study of Medieval Logistics*. Brill Academic Publishers, pp. 69–92.
- Warry, John (1995). *Warfare in the classical world*. UK: University of Oklahoma Press.
- Weigley, Russell F. (2004). *The Age of Battles. The quest for Decisive Warfare from Breitenfeld to Waterloo*. USA: Indiana University Press.
- Wellman, Michael P. (1995). "The Economic Approach to Artificial Intelligence". A: *Computing Surveys Symposium on Artificial Intelligence*. Vol. 27. 3. Association for Computing Machinery.
- Westervelt, James D. (2002). "Geographical Information Systems and Agent-Based Modeling". A: *Integrating Geographic Information Systems and Agent-based Modeling Techniques for Simulating Social and Ecological Processes*. Santa Fe Institute in the Sciences of Complexity.
- White, D. J. (1972). *Teoría de la decisión*. Madrid: Alianza Universidad.
- Williams, D.T. (2004). *The battle of Bosworth Field*. UK: Leicestershire County Council.