

1. Record Nr.	UNISA996466700003316
Titolo	Aspects of physical biology : biological water, protein solutions, transport and replication // G. Franzese, M. Rubi, editors
Pubbl/distr/stampa	Berlin : , : Springer, , [2008] ©2008
ISBN	3-540-78765-8
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (IX, 233 p.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 752
Disciplina	574.191
Soggetti	Biophysics - Technique Statistical physics - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Contributions from a conference held in Sitges (Barcelona) Spain on 5-9 June, 2006.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Biological Water -- Dynamics of Water at Low Temperatures and Implications for Biomolecules -- Anomalous Behaviour of Supercooled Water and Its Implication for Protein Dynamics -- Interactions of Polarizable Media in Water and the Hydrophobic Interaction -- Protein and Biological Solutions -- Metastable Mesoscopic Phases in Concentrated Protein Solutions -- Application of Discrete Molecular Dynamics to Protein Folding and Aggregation -- Cooperative Effects in Biological Suspensions: From Filaments to Propellers -- Transport and Replication -- A Thermodynamic Description of Active Transport -- Energy Interconversion in Transport ATPases Role of Water in Ions Transport and in the Energy of Hydrolysis of Phosphate Compounds -- A Novel Mechanism for Activator-Controlled Initiation of DNA Replication that Resolves the Auto-regulation Sequestration Paradox -- Activity-Dependent Model for Neuronal Avalanches.
Sommario/riassunto	The application to Biology of the methodologies developed in Physics is attracting an increasing interest from the scientific community. It has led to the emergence of a new interdisciplinary field, called Physical Biology, with the aim of reaching a better understanding of the biological mechanisms at molecular and cellular levels. Statistical Mechanics in particular plays an important role in the development of this new field. For this reason, the XXth session of the famous Sitges

Conference on Statistical Physics was dedicated to "Physical Biology: from Molecular Interactions to Cellular Behavior". As is by now tradition, a number of lectures were subsequently selected, expanded and updated for publication as lecture notes, so as to provide both a state-of-the-art introduction and overview to a number of subjects of broader interest and to favor the interchange and cross-fertilization of ideas between biologists and physicists. The present volume focuses on three main subtopics (biological water, protein solutions as well as transport and replication), presenting for each of them the on-going debates on recent results. The role of water in biological processes, the mechanisms of protein folding, the phases and cooperative effects in biological solutions, the thermodynamic description of replication, transport and neural activity, all are subjects that are revised in this volume, based on new experiments and new theoretical interpretations.

2. Record Nr.	UNINA9910815855403321
Autore	Cullen Sara
Titolo	The contract scorecard [[electronic resource]] : successful outsourcing by design // by Sara Cullen
Pubbl/distr/stampa	Burlington, VT, : Ashgate Pub. Co., : Gower, 2009
ISBN	1-315-61500-2 1-317-03733-2 1-317-03732-4 1-282-05408-2 9786612054082 0-7546-8171-8
Descrizione fisica	1 online resource (267 p.)
Disciplina	658.4 658.4/058 658.4058
Soggetti	Contracting out Contracting out - Evaluation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Contents; List of Figures; List of Tables; Foreword; Preface; 1 Introduction; 2 The Quadrants of the Contract Scorecard; 3 The Steps in Developing KPIs; 4 Schemes for the Consequences of KPI Performance; 5 Planning the Contract Scorecard; 6 The Quality Specification - The Service Level Agreement (SLA); 7 The Financial Specification - The Financial Schedule; 8 The Relationship Specification - The Governance Charter; 9 The Strategic Specification - Unique Contract Schedules; 10 Conclusion; References; Index; About the Author
Sommario/riassunto	An upfront investment in your contracts, from a commercial rather than legal perspective is probably the single most influential activity you can undertake; one that will ensure your outsourcing relationships have clear business goals as the focus of the deal. Reading a copy of Sara Cullen's The Contract Scorecard should be the first step in that investment.