

1. Record Nr.	UNISALENT0991000993979707536
Titolo	Il colloquio e l'intervista : parlare con le persone nelle organizzazioni / a cura di Elena Zucchi ; scritti di Carlo Bisio ... [et al.]
Pubbl/distr/stampa	Milano : F. Angeli, 2004
ISBN	8846455290
Descrizione fisica	350 p. ; 23 cm.
Collana	Azienda moderna ; 558
Altri autori (Persone)	Zucchi, Elena
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Soggetti	Comunicazione aziendale Organizzazione - Psicologia sociale
Lingua di pubblicazione	Italiano
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Livello bibliografico	Monografia
Note generali	Saggi

2. Record Nr.	UNIORUON00141435
Autore	RAVALA, Anantaraya Manishankara
Titolo	Sahityavihara / Anantaraya Manishankara Raval
Pubbl/distr/stampa	Amadabada, : Gurjara Gramtharatna Karyalaya, 1946
Descrizione fisica	7, 240 p. ; 19 cm
Classificazione	SI VI IGA
Soggetti	LETTERATURA GUJARATI
Lingua di pubblicazione	Gujarati
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3. Record Nr.	UNINA9910865289603321
Autore	Fornes Jose Antonio
Titolo	Quantum Processes in Biology / / by José Antonio Fornés
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031580789 9783031580772
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (220 pages)
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Soggetti	Bioinformatics Molecular biology Biophysics Biomolecules Quantum theory Computational and Systems Biology Molecular Biology Molecular Biophysics Quantum Physics
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Livello bibliografico**Nota di contenuto****Monografia**

The Classical Smoluchowski Equation -- 2.The Quantum Smoluchowski Equation -- 3.Dynamics of Protons in DNA -- 4.The Interaction with the Environment -- 5.Classical and Quantum Mechanochemical Coupling -- 6.Photosynthesis and the quantum mechanochemical model -- 7.Entanglement, Coherence and Decoherence -- 8.Excitons -- 9.Long wavelength quantum energy exchange and its possible role in cellular recognition and communication -- A.Appendix.

Sommario/riassunto

In recent years, extensive research on stochastic processes such as neuron networks, molecular motors, dynamics models, anomalous diffusion, and disordered media has led to the development of various methods for applying the Classical and Quantum Smoluchowski Equation to these phenomena. This book focuses on presenting the solution to the Fokker-Planck equation using the Crank-Nicholson formalism. This method is particularly effective for handling systems with numerous interactions, requiring vector and matrix-oriented approaches suitable for implementation in Matlab. Among the topics treated in the book are: Dynamics of protons in DNA, Photosynthesis and the quantum mechanochemical model, Entanglement, coherence and decoherence, Excitons in the Fenna-Mathews-Olson complex, and Energy exchange between cells. The author has made an incredible work in facilitating the understanding of these complex topics. This book includes a brief and clear explanation of the Quantum theory and also includes code to build useful software to use in research environments. This volume is particularly helpful for graduate students in physics and biology interested in understanding biological processes with the use of quantum physics tools.