

1. Record Nr.	UNISA990003540450203316
Autore	MANN, Michael
Titolo	1.: A history of power from the beginning to A.D. 1760 / Michael Mann
Pubbl/distr/stampa	Cambridge [etc.] : Cambridge University press, 1986
ISBN	978-0-521-31349-0
Descrizione fisica	IX, 549 p. ; 24 cm
Disciplina	303.3
Soggetti	Potere
Collocazione	303 MAN 1 1
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910502633203321
Autore	Loos Sarah A. M.
Titolo	Stochastic systems with time delay : probabilistic and thermodynamic descriptions of non-Markovian processes far from equilibrium // Sarah A.M. Loos
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] ©2021
ISBN	3-030-80771-1
Descrizione fisica	1 online resource (296 pages)
Collana	Springer Theses
Disciplina	003.76
Soggetti	Stochastic systems Time delay systems Thermodynamics - Mathematics Sistemes estocàstics Termodinàmica Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Intro -- Supervisor's Foreword -- Abstract -- Acknowledgements -- Publications by Sarah A. M. Loos -- Contents -- Abbreviations and Symbols -- Abbreviations -- Symbols -- 1 Introduction -- 1.1 Outline of the Thesis -- References -- Part I Theoretical Background and State of the Art -- 2 The Langevin Equation -- 2.1 The Stochastic Way of Describing Things -- 2.1.1 Brownian Motion -- 2.1.2 Colloidal Suspensions -- 2.1.3 Side Note: A More General View -- 2.2 The Markovian Langevin Equation -- 2.2.1 Gaussian White Noise -- 2.2.2 Ensemble Averages and Probability Density -- 2.2.3 Solutions of the Langevin Equation and the Overdamped Limit -- 2.2.4 Ornstein-Uhlenbeck Process -- 2.2.5 White Noise-Wiener Process-Stochastic Calculus -- 2.2.6 Path Integral Representation -- 2.3 Generalised Langevin Equations-How Stochastic Motion ... -- 2.3.1 Infinite Harmonic Oscillators Bath-An Example of a Mori-Zwanzig Projection -- 2.3.2 Coarse-Graining-Forgetting Some Details -- 2.3.3 Side Node: Taking this Simplified Model Serious -- 2.3.4 The Markov Assumption -- 2.3.5 Real-World Complications -- 2.3.6 Time-Reversal Symmetry and Causality -- 2.4 Introduction to the Langevin Equation with Time Delay -- 2.4.1 Optical Traps-An Experimental Tool to Control -- 2.4.2 Time-Delayed Feedback -- 2.4.3 The Langevin Equation with Time Delay -- 2.4.4 Side Note: Delay Differential Equations -- 2.4.5 Linear Systems with Time Delay -- 2.5 Nonlinear Example Systems with Time Delay -- 2.5.1 Bistable System: The Doublewell Potential -- 2.5.2 Periodic System: The Washboard Potential -- 2.5.3 Scaling -- 2.6 Timescales -- 2.6.1 Kramers Escape Times -- 2.7 Delay-Induced Oscillations and Coherence Resonance -- 2.7.1 Delay-Induced Oscillations -- 2.7.2 Coherence Resonance -- 2.7.3 Bifurcation Theoretical Perspective on Delay-Induced Oscillations -- References -- 3 Fokker-Planck Equations. 3.1 Markovian Case -- 3.1.1 Natural Boundary Conditions -- 3.1.2 Joint Probability Densities -- 3.1.3 The Probability Current and Steady States -- 3.2 Introduction to Fokker-Planck Descriptions of Systems with Time Delay -- 3.2.1 Earlier Approximation Schemes -- 3.2.2 Probability Current and Apparent Equilibrium of Time-Delayed Systems -- 3.2.3 Side Note: Delay in Ensemble-Averaged Quantities -- References -- 4 Stochastic Thermodynamics -- 4.1 Side Note: Some Historical Notes and Where Is Stochastic ... -- 4.2 Stochastic Energetics -- 4.2.1 Steady States -- 4.3 Fluctuating Entropy -- 4.3.1 Thermal Equilibrium & Nonequilibrium Steady States -- 4.4 Fluctuation Theorems -- 4.4.1 Route to First Principles-Axiom of Causality -- 4.5 Information -- 4.5.1 Mutual Information and Its Generalization -- 4.5.2 Information Flow -- 4.6 Previous Results, Expectations and Apparent Problems for Systems with Time Delay -- 4.6.1 Energetics in the Presence of Delay -- 4.6.2 Entropic Description -- 4.6.3 The Acausality Issue -- 4.6.4 Short Comment on Effective Thermodynamics -- 4.7 Side Note: Active Particles & Non-reciprocal Interactions -- 4.7.1 Active Ornstein-Uhlenbeck Particles -- 4.7.2 Connection Between Active Matter and Time-Delayed Systems -- 4.7.3 Non-reciprocal Interactions -- References -- Part II Probabilistic Descriptions for Systems with Time Delay -- 5 Infinite Fokker-Planck Hierarchy -- 5.1 Derivation of Fokker-Planck Hierarchy from Novikov's Theorem -- 5.1.1 Alternative Approach with Two Time Arguments -- 5.2 Exact Probabilistic Solutions for Linear Systems with Time Delay -- 5.2.1 Derivation of the Second Member of the Fokker-Planck Hierarchy -- 5.2.2 Steady-State Solutions -- 5.2.3 The Notion of Effective Temperature -- 5.2.4 Markovian Versus Non-Markovian Two-Time Probability Density -- References. 6 Markovian Embedding-A New Derivation of the Fokker-Planck

Hierarchy -- 6.1 Markovian Embedding-A Different View on Memory -- 6.1.1 Projection, Memory Kernel & Colored Noise -- 6.1.2 Limit to infinity -- 6.1.3 Interpretation of the  $X_j$  Variables -- 6.1.4 Initial Condition -- 6.1.5  $(n+1)$ -dimensional Markovian Fokker-Planck Equation -- 6.2 Derivation of First Member of Fokker-Planck Hierarchy -- 6.3 Derivation of Higher Members via Markovian Embedding -- 6.3.1 Comparison to Equation from Novikov's Theorem -- 6.4 Side Note: Discrete Versus Distributed Delay -- 6.4.1 Distributed Delay -- 6.4.2 Probability Densities in the Presence of Discrete and Distributed Delay -- References -- 7 Force-Linearization Closure -- 7.1 Details of the Approximation -- 7.1.1 Linearization of the Deterministic Forces -- 7.1.2 Analytical Probabilistic Solution for Linearized Forces -- 7.1.3 Vanishing Steady-State Probability Current -- 7.1.4 Specification to Linear Delay Force -- 7.2 Comparison to Earlier Approaches -- 7.2.1 Small Delay Expansion -- 7.2.2 Perturbation Theory -- 7.2.3 Effective Temperatures -- 7.3 Application to the Periodic Potential -- 7.3.1 Discussion of Results -- 7.4 Application to the Bistable Potential -- 7.4.1 Discussion of Results -- 7.5 Estimation of Escape Times -- 7.5.1 Interwell Dynamics -- 7.5.2 The Kramers-FLC Estimate -- 7.5.3 Comparison with Numerical Results -- 7.5.4 Delay-Induced Oscillations -- 7.5.5 Side Note: Normal Diffusion Despite Non-Markovianity -- References -- 8 Approximation for the Two-time Probability density -- 8.1 Application to the Bistable Delayed System -- 8.1.1 Comparison with Approaches for One-time Probability Density -- 8.2 Concluding Remarks -- References -- Part III Thermodynamic Notions for Systems with Time Delay -- 9 The Heat Flow Induced by a Discrete Delay -- 9.1 Main Idea -- 9.1.1 Polynomial Energy Landscapes. 9.2 Mean Heat Rate & Medium Entropy Production -- 9.2.1 Linear Systems -- 9.2.2 Markovian Limits in Nonlinear Systems -- 9.2.3 Limit of Vanishing Delay Time -- 9.2.4 Influence of Inertia Term -- 9.2.5 Discussion of the Behavior for Small Delay Times -- 9.3 Application to the Bistable Potential -- 9.3.1 Low Thermal Energy-Intrawell Dynamics -- 9.3.2 High Thermal Energy-Interwell Dynamics -- 9.4 Preliminary Numerical Results for Fluctuation of Heat, Work and Internal Energy -- 9.5 Concluding Remarks -- References -- 10 Entropy, Information and Energy Flows -- 10.1 Emergence of Non-monotonic Memory -- 10.1.1 Interpretation of  $X_j$  -- 0 in the Case of a Feedback Controller -- 10.2 The Role of Non-reciprocal Coupling-Connection to Active Matter -- 10.2.1 A Generic Model with Non-reciprocal Coupling -- 10.3 Non-reciprocal Coupling and Non-equilibrium -- 10.3.1 Fluctuation-Dissipation Relation -- 10.3.2 Total Entropy Production -- 10.3.3 Analytical Solutions -- 10.4 Non-reciprocal Coupling and Activity -- 10.4.1 Mapping Non-reciprocity of the Coupling to a Temperature Gradient Between the Coupled Entities -- 10.4.2 Reversed Heat Flow -- 10.5 Non-reciprocal Coupling and Information -- 10.5.1 Information Flow and Generalized Second Law -- 10.5.2 Information-Theoretic Perspective on Feedback Control -- 10.6 Total Entropy Production and Heat Flow in the Presence of Non-monotonic Memory -- 10.6.1 Limit of Discrete Delay -- 10.6.2 Impact of Measurement Errors -- 10.7 Irreversibility and Coarse-Graining -- References -- Part IV Concluding Remarks -- 11 Summary -- References -- 12 Outlook-Open Questions and Further Perspectives -- References -- Appendix Appendix -- A.1 Numerical Methods -- A.2 Derivation of Novikov's Theorem -- A.3 Green's Function Method -- A.4 Connection to Fokker-Planck Hierarchy from Novikov's Theorem. A.5 Fluctuation-Dissipation Relation for Unidirectional Ring of Arbitrary Length  $n$  -- Appendix About the Author.

---

3. Record Nr.	UNINA9911005893903321
Autore	Vigiani, Dante
Titolo	Il castagno / Dante Vigiani
Pubbl/distr/stampa	Casale Monferrato, : Ottavi, 1923
Edizione	[2. ed]
Descrizione fisica	VIII, 217 p., [1] c. di tav. : ill. ; 19 cm.
Collana	Biblioteca Agraria Ottavi ; 89
Disciplina	634.53
Locazione	FAGBC
Collocazione	A MUSA 486
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
4. Record Nr.	UNISANNIOCFI0194860
Autore	Scotto, Ignazio
Titolo	Diritto amministrativo / Ignazio Scotto
Pubbl/distr/stampa	Milano, : Giuffrè, stampa 1990
ISBN	8814024685
Descrizione fisica	XII, 345 p. ; 24 cm.
Collana	Piccola biblioteca Giuffrè
Disciplina	342 342.45 342.4506
Soggetti	Diritto amministrativo
Collocazione	D (AR) 6 90201D (AR) 7 498
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

5. Record Nr.	UNINA9910254767503321
Titolo	Debating Collaboration and Complicity in War Crimes Trials in Asia, 1945-1956 // edited by Kerstin von Lingen
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Palgrave Macmillan, , 2017
ISBN	9783319531410 3319531417 3-319-53140-9
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (195 pages) : illustrations, photographs
Collana	World Histories of Crime, Culture and Violence, , 2730-9649
Disciplina	341.690268
Soggetti	Asia - History Crime - Sociological aspects World War, 1939-1945 Law - History Criminal law Asian History Crime and Society History of World War II and the Holocaust Legal History Criminal Law and Criminal Procedure Law
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	1. WAR CRIMES TRIALS IN ASIA: COLLABORATION AND COMPLICITY IN THE AFTERMATH; Kerstin von Lingen and Robert Cribb -- 2. KOREANS IN THE TRIALS OF JAPANESE WAR CRIMES SUSPECTS; Sandra Wilson -- 3. DEFINING COLONIAL "WAR CRIMES": KOREAN DEBATES ON COLLABORATION, WAR REPARATIONS, AND THE INTERNATIONAL MILITARY TRIBUNAL FOR THE FAR EAST; Deokhyo Choi -- 4. OATHS OF ALLEGIANCE IN THE SINGAPORE TRIALS; CHEAH Wui Ling -- 5. PUPPETS, PROFITEERS AND TRAITORS. DEFINING WARTIME COLLABORATION IN THE NETHERLANDS INDIES, 1945-1949; Esther Zwinkels -- 6. BETWEEN POST-OCCUPATION AND POST-COLONIAL: FRAMING THE RECENT PAST

IN THE PHILIPPINE TREASON AMNESTY DEBATE, 1948; Konrad M. Lawson -- 7. JAPANESE MEDICAL ATROCITIES AND THE COLLABORATION OF THE SCIENTIFIC ELITES: POSTWAR PERSPECTIVES; Arnaud Doglia -- 8. The question of Complicity: Japan's early postures toward war crimes and war responsibility in the aftermath of the Second World War; Barak Kushner.

---

Sommario/riassunto

This innovative volume examines the nexus between war crimes trials and the pursuit of collaborators in post-war Asia. Global standards of behaviour in time of war underpinned the prosecution of Japanese military personnel in Allied courts in Asia and the Pacific. Japan's contradictory roles in the Second World War as brutal oppressor of conquered regions in Asia and as liberator of Asia from both Western colonialism and stultifying tradition set the stage for a tangled legal and political debate: just where did colonized and oppressed peoples owe their loyalties in time of war? And where did the balance of responsibility lie between individuals and nations? But global standards jostled uneasily with the pluralism of the Western colonial order in Asia, where legal rights depended on race and nationality. In the end, these limits led to profound dissatisfaction with the trials process, despite its vast scale and ambitious intentions, which has implications until today.

---