1. Record Nr. UNISA996392157303316

Autore	Vicars John <1579 or 80-1652.>
Titolo	A brief review of the most material parliamentary proceedings of this present Parliament, and their armies, in their civil and martial affairs [[electronic resource]] : Which Parliament began the third of November, 1640. : And the remarkable transactions are continued untill the Act of Oblivion, February 24. 1652. : Published as a breviary, leading all along successively, as they fell out in the severall years so that if any man will be informed of any remarkable passage, he may turne to the year, and so see in some measure, in what moneth thereof it was accomplished. : And for information of such as are altogether ignorant of the rise and progresse of these times, which things are brought to passe, that former ages have not heard of, and after ages will admire. : A work worthy to be kept in record, and communicated to posterity
Pubbl/distr/stampa	London, : Printed by M.S. for Tho. Jenner, at the Sourth-entrance of the Royal Exchange, 1652
Descrizione fisica	[2], 30, 28, 33-36 p. : ill
Altri autori (Persone)	HamiltonJames Hamilton, Duke of, <1606-1649.>
Soggetti	Executions and executioners - England Last words Great Britain History Commonwealth and Protectorate, 1649-1660 Early works to 1800 Great Britain Politics and government, 1649-1660 Early works to 1800
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Attributed to John Vicars. Includes "The severall speeches of Duke Hamilton Earl of Cambridge, Henry Earl of Holland, and Arthur Lord Capel. Spoken upon the scaffold immediately before their execution, on Friday the ninth of March, 1649" with caption title; pagination and register are separate. Annotation on Thomason copy: "Aprill 25"; the imprint date has been altered to 1653. Reproduction of the original in the British Library.

Sommario/riassunto	eebo-0101

2. Record Nr. UNINA9910793296403321

Autore	Duits Maurice
Titolo	On mesoscopic equilibrium for linear statistics in Dyson's Brownian motion / / Maurice Duits, Kurt Johansson
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2018] ©2018
ISBN	1-4704-4821-1
Descrizione fisica	1 online resource (130 pages)
Collana	Memoirs of the American Mathematical Society ; ; Volume 255, number 1222
Disciplina	530.475
Soggetti	Brownian motion processes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Cover -- Title page -- Chapter 1. Introduction -- Chapter 2. Statement of results -- 2.1. Assumptions on -- 2.2. Deterministic initial points -- 2.3. Concentration inequalities -- 2.4. Random initial points -- 2.5. Further remarks -- 2.6. Overview of the rest of the paper -- Chapter 3. Proof of Theorem 2.1 -- 3.1. Determinantal strucure -- 3.2. Asymptotic results for _{ } and _{ }^{ } -- 3.3. Proof of Theorem 2.1 -- Chapter 4. Proof of Theorem 2.3 -- 4.1. Overview of the proof -- 4.2. The loop equations -- 4.3. Loop equations on the mesoscopic scale -- 4.4. Proof of Theorem 2.3 -- Chapter 5. Asymptotic analysis of _{ } and _{ } -- 5.1. Integrable form of _{ } -- 5.2. The functions -- 5.3. Saddle points -- 5.4. Deforming the contours -- 5.5. Asymptotics for and -- 5.6. Proof of Lemma 3.2 -- 5.7. Asymptotics for _{ }(,) -- 5.8. Asymptotics for ^{ }_{ } -- Chapter 6. Proof of Proposition 2.4 -- 6.1. Preliminaries -- 6.2. A first concentration inequality -- 6.3. Proof of Poposition 6.2 -- 6.4. A concentration inequality using the logaritmic Sobolev inequality -- 6.5. Proof of Proposition 2.4 -- 6.6. One more concentration inequality -- Chapter 7. Proof of Lemma 4.3 -- 7.1. Preliminaries -- 7.2. Estimating _{ }^{ _{ }^{\eps}} -- 7.3. Estimating _{ }^{ _{ }^{\eps}} -- 7.4.

Sommario/riassunto

In this paper the authors study mesoscopic fluctuations for Dyson's Brownian motion with \beta =2. Dyson showed that the Gaussian Unitary Ensemble (GUE) is the invariant measure for this stochastic evolution and conjectured that, when starting from a generic configuration of initial points, the time that is needed for the GUE statistics to become dominant depends on the scale we look at: The microscopic correlations arrive at the equilibrium regime sooner than the macrosopic correlations. The authors investigate the transition on the intermediate, i.e. mesoscopic, scales. The time scales that they consider are such that the system is already in microscopic equilibrium (sine-universality for the local correlations), but have not yet reached equilibrium at the macrosopic scale. The authors describe the transition to equilibrium on all mesoscopic scales by means of Central Limit Theorems for linear statistics with sufficiently smooth test functions. They consider two situations: deterministic initial points and randomly chosen initial points. In the random situation, they obtain a transition from the classical Central Limit Theorem for independent random variables to the one for the GUE.