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	Autore	Koncsik Imre
	Titolo	Unser Gehirn- ein biologischer Quantencomputer? : Die verborgene geistige Ordnung / / von Imre Koncsik
	Pubbl/distr/stampa	Gottingen : , : Cuvillier Verlag, , [2019] 2019
	ISBN	3-7369-6001-8
	Descrizione fisica	1 online resource (175 pages)
	Disciplina	570.285
	Soggetti	Computational biology - Mathematical models
	Lingua di pubblicazione	Tedesco
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910855386703321
	Autore	Dorrego Lopez Eduardo
	Titolo	Irrationality, Transcendence and the Circle-Squaring Problem : An Annotated Translation of J. H. Lambert's Vorläufige Kenntnisse and Mémoire / / by Eduardo Dorrego López, Elías Fuentes Guillén
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2024
	ISBN	3-031-52223-0
	Edizione	[2nd ed. 2024.]
	Descrizione fisica	1 online resource (176 pages)
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Part I: Antecedents -- Chapter 1. From Geometry to Analysis -- Chapter 2. The situation in the first half of the 18th century. Euler and continued fractions -- Part II: Johann Heinrich Lambert (1728—1777) -- Chapter 3. A biographical approach to Johann Heinrich Lambert -- Chapter 4. Outline of Lambert's *Mémoire* (1761/1768) -- Chapter 5. An annotated translation of Lambert's *Mémoire* (1761/1768) -- Chapter 6. Outline of Lambert's *Vorläufige Kenntnisse* (1766/1770) -- Chapter 6. An annotated translation of Lambert's *Vorläufige Kenntnisse* (1766/1770) -- Part III: The influence of Lambert's work and the development of irrational numbers -- Chapter 8. The state of irrationals until the turn of the century -- Chapter 9. Title to be set up.

This publication, now in its second edition, includes an unabridged and annotated translation of two works by Johann Heinrich Lambert (1728–1777) written in the 1760s: *Vorläufige Kenntnisse für die, so die Quadratur und Rectification des Circuls suchen* and *Mémoire sur quelques propriétés remarquables des quantités transcendentes circulaires et logarithmiques*. The translations, as in the first edition, are accompanied by a contextualised study of each of these works and provide an overview of Lambert's contributions, showing both the background and the influence of his work. In addition, by adopting a biographical approach, it allows readers to better get to know the scientist himself. Lambert was a highly relevant scientist and polymath in his time, admired by the likes of Kant, who despite having made a wide variety of contributions to different branches of knowledge, later faded into an undeserved secondary place with respect to other scientists of the eighteenth century. In mathematics, in particular, he is famous for his research on non-Euclidean geometries, although he is likely best known for having been the first who proved the irrationality of π . In his *Mémoire*, he conducted one of the first studies on hyperbolic functions, offered a surprisingly rigorous proof of the irrationality of π , established for the first time the modern distinction between algebraic and transcendental numbers, and based on such distinction, he conjectured the transcendence of π and therefore the impossibility of squaring the circle.