

1. Record Nr.	UNINA9910780598403321
Titolo	The joy of the search for knowledge [[electronic resource]] : a tribute to professor Dan Tsui = Qiu zhi le : jing he cui Qi jiao shuo di we zi // edited by Cheuk-yin Wong, James Shui-ip Lo, Shui-yin Lo
Pubbl/distr/stampa	Singapore ; ; River Edge, N.J., : World scientific, c1999
ISBN	1-283-97149-6 981-238-528-2
Descrizione fisica	1 online resource (180 p.)
Altri autori (Persone)	WongCheuk-Yin LoJames Shui-ip LoS. Y (Shui-Yin) TsuiD. C <1939-> (Daniel Chee)
Disciplina	539.7/092
Soggetti	Physics
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.
Nota di contenuto	Contents; Preface; The Nobel Award Announcement from the Swedish Academy of Sciences; Information; Electrons in New Guises; Quantum effects become visible; A new type of quantum fluid; Direct demonstration of quasiparticles; Further Reading; Additional Background Material on the Nobel Prize in Physics 1998; Historical background; Discovery of an anomalous quantum Hall effect; Laughlin's wavefunction - A theorist's tour de force; Direct experimental verifications of energy gap and chargefragmentation; Fermions, bosons or ... anyons?; New surprises keep emerging in a still very active field Further readingMy Husband, Dan Tsui; My Father, Dan Tsui; The Four Pui Ching Campuses; Pui Ching Reminiscences; My Schoolmate Dan Tsui; Dan Tsui at the Special Classes Center in Hong Kong in 1957/1958; Daniel Tsui at Augustana College, 1958-1961: Recollections of a Math Teacher; Reminiscences and Recollections of a Friend: A Tribute to Dan Tsui; Reflection on Dan Tsui's Years at Augustana College; An Open Letter to Daniel C. Tsui, from Royal W. Stark; Professor Daniel Tsui Wins 1998 Nobel Prize in Physics*; My Colleague Dan Tsui; My Colleague Dan Tsui

A Guest at the Nobel Prize Ceremonies: The Diary of James Wei, December 15, 1998
Prof. Dan Tsui - The Consummate Scientist; The Fractional Quantum Hall Effect; Fractional Quantum Hall Liquids: New State of Matter, New Type of Order; 1 A discovery with a huge impact; 2 States of matters and the orders; 3 FQH liquids; 4 The global dancing pattern and the topological orders; 5 It's going, going, and still going; References

Sommario/riassunto

This invaluable collection of essays pays tribute to Dan Tsui, 1998 Nobel laureate in Physics. It paints a portrait of his outstanding personal attributes through the eyes of his friends and relatives. In addition, it provides a record of the environment which accompanied him in his search for knowledge. This book, capturing Dan Tsui's experience and joy of the search for knowledge, will inspire scholars of all ages.
