

1. Record Nr.	UNISA996418433003316
Autore	Kimura Mariko
Titolo	Observational and theoretical studies on Dwarf-nova Outbursts // Mariko Kimura
Pubbl/distr/stampa	Singapore : , : Springer, , [2020] Â©2020
ISBN	981-15-8912-7
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XXX, 179 p. 80 illus., 50 illus. in color.)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5053
Disciplina	821.009356
Soggetti	Astrophysics Astronomy Astronomy, Observations and Techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	General introduction -- Unexpected Superoutburst and Rebrightening of AL Comae Berenices in 2015 -- Outburst Properties of Possible Candidates for Period Bouncers -- On the Nature of Long-Period DNe with Rare and Low-Amplitude Outbursts -- Thermal-viscous Instability in Tilted Accretion Disks: A Possible Application to IW And-type Dwarf Novae -- General Discussion -- Conclusions -- Appendix.
Sommario/riassunto	Accretion disks are ubiquitous in our universe, and produce intense brightening. How does the gas in the disk lose its angular momentum to release massive amounts of gravitational energy? This is one of the biggest open questions in astronomy. This book studies four types of newly detected outbursts in dwarf novae through optical observations and/or numerical simulations and puts forward physical interpretations of these outbursts on the basis of the disk instability model, the most plausible model for dwarf-nova outbursts. It demonstrates that the disk-instability model can explain rich variety in dwarf-nova outbursts if some new aspects are taken into account (e.g. the extremely slow growth of tidal instability and thermal instability in the disk misaligned against the binary orbital plane). Moreover, it shares valuable insights on the evolution of binary systems by finding period bouncers and dwarf novae with F-type companion stars, which are rare objects.

2. Record Nr.	UNISA996386398203316
Autore	Mayne Jasper <1604-1672.>
Titolo	Certain sermons and letters of defence and resolution to some of the late controversies of our times [[electronic resource] /] / by Jas. Mayne
Pubbl/distr/stampa	London, : Printed for R. Royston, 1653
Descrizione fisica	ca. 210 p
Soggetti	Church and state - England Great Britain History Civil War, 1642-1649 Sources
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Each work has special t.p. and separate pagination. Reproduction of original in the Union Theological Seminary Library, New York.
Nota di contenuto	A sermon against schisme, 1652--A sermon concerning unity and agreement, [1647]--A sermon against false prophets, [1647]--A late printed sermon against false prophets vindicated by letter, [1647]--Ochlo-machia, or, The peoples war examined according to the principles of scripture and reason, 1647.
Sommario/riassunto	eebo-0160