

1. Record Nr.	UNISA996384397103316
Autore	Gething Richard <1585?-1652?>
Titolo	Calligraphotechnia or The art of faire writing sett forth, and newly enlarged by Ri: Gethinge M: in the said art [[electronic resource]]
Pubbl/distr/stampa	[London], : Dwelling in Fetter-lane, at the hand and penne, and are to bee sould by William Humble at the white horse in Popes head alley, ouer against the roiall Exchange in London, anno domini 1642
Descrizione fisica	[36] leaves
Soggetti	Copybooks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Another issue of: A coppie-booke of the usuall hands written. Fully engraved, printed on rectos only. Reproduction of original in the Newberry Library.
Sommario/riassunto	eebo-0101

2. Record Nr.	UNINA9910300371103321
Autore	Hirano Teruyuki
Titolo	Measurements of Spin-Orbit Angles for Transiting Systems : Toward an Understanding of the Migration History of Exoplanets // by Teruyuki Hirano
Pubbl/distr/stampa	Tokyo : , : Springer Japan : , : Imprint : Springer, , 2014
ISBN	4-431-54586-7
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (143 p.)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5053
Disciplina	521.3
Soggetti	Space sciences Planetary science Astronomy Astronomy—Observations Space Sciences (including Extraterrestrial Physics, Space Exploration and Astronautics) Planetology Astronomy, Observations and Techniques
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 at the end of each chapters.
Nota di contenuto	Introduction -- Evolution History of Extrasolar Planetary Systems -- Improved Modeling of the Rossiter-McLaughlin Effect -- New Observations and Improved Analyses of the Rossiter-McLaughlin Effect -- Toward the Measurements of Spin-Orbit Relations for Small Planets -- Summary and Future Prospects.
Sommario/riassunto	This thesis presents accurate analyses of the spin-orbit angle for many remarkable transiting exoplanetary systems, including the first measurement of the Rossiter-McLaughlin effect for a multiple transiting system. The author presents the observational methods needed to probe the spin-orbit angle, the relation between the stellar spin axis and planetary orbital axis. Measurements of the spin-orbit angle provide us a unique and valuable opportunity to understand the origin of close-in giant exoplanets, called "hot Jupiters". The first method introduced involves observations of the Rossiter-McLaughlin

effect (RM effect). The author points out the issues with the previous theoretical modeling of the RM effect and derives a new and improved theory. Applications of the new theory to observational data are also presented for a number of remarkable systems, and the author shows that the new theory minimizes the systematic errors by applying it to the observational data. The author also describes another method for constraining the spin-orbit angle: by combining the measurements of stellar flux variations due to dark spots on the stellar surface, with the projected stellar rotational velocity measured via spectroscopy, the spin-orbit angles "along the line-of-sight" are constrained for the transiting exoplanetary systems reported by the Kepler space telescope.
