

1. Record Nr.	UNINA9910462889503321
Autore	Lissauer Jack Jonathan
Titolo	Fundamental planetary science : physics, chemistry and habitability // Jack J. Lissauer, NASA Ames Research Center and Stanford University, and Imke de Pater, University of California, Berkeley, and Delft University of Technology
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2013
ISBN	1-139-05046-X 1-107-34124-8 1-107-34499-9 1-107-34749-1
Descrizione fisica	1 online resource (634 p.)
Altri autori (Persone)	De PaterImke <1952->
Disciplina	523.4 523.9/8 523.98
Soggetti	Planetary theory Planets - Geology Planets - Atmospheres Planetary rings Electronic books.
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 and index.
Nota di contenuto	Machine generated contents note: 1. Introduction; 2. Dynamics; 3. Solar heating and energy transport; 4. Planetary atmospheres; 5. Planetary surfaces; 6. Planetary interiors; 7. Magnetic fields and plasmas; 8. Meteorites; 9. Minor planets; 10. Comets; 11. Planetary rings; 12. Extrasolar planets; 13. Planet formation; 14. Planets and life; Index.
Sommario/riassunto	"A quantitative, broad-based introduction to planetary systems science for advanced undergraduate students, including planet formation, extrasolar planets, and planetary habitability"--

2. Record Nr.	UNINA9910778490703321
Autore	Watton J. <1944->
Titolo	Fundamentals of fluid power control / / John Watton [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2009
ISBN	1-107-19386-9 0-511-69935-2 9786612393570 0-511-64752-2 1-282-39357-X 1-139-17524-6 0-511-65160-0 0-511-60227-8 0-511-60436-X 0-511-60358-4 0-511-60280-4
Descrizione fisica	1 online resource (xiii, 494 pages) : digital, PDF file(s)
Disciplina	629.8/042
Soggetti	Fluid power technology Hydraulic control Hydraulic motors
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	; 1. Introduction, Applications, and Concepts -- ; 2. Introduction to Fluid Properties -- ; 3. Steady-State Characteristics of Circuit Components -- ; 4. Steady-State Performance of Systems -- ; 5. System Dynamics -- ; 6. Control Systems -- ; 7. Some Case Studies.
Sommario/riassunto	This exciting reference text is concerned with fluid power control. It is an ideal reference for the practising engineer and a textbook for advanced courses in fluid power control. In applications in which large forces and/or torques are required, often with a fast response time, oil-hydraulic control systems are essential. They excel in environmentally difficult applications because the drive part can be

designed with no electrical components and they almost always have a more competitive power/weight ratio compared to electrically actuated systems. Fluid power systems have the capability to control several parameters, such as pressure, speed, position, and so on, to a high degree of accuracy at high power levels. In practice there are many exciting challenges facing the fluid power engineer, who now must preferably have a broad skill set.
