

1. Record Nr.	UNINA9910461545203321
Titolo	Military medical care [[electronic resource] /] / Linda F. Bernstein and Sarah W. Constable, editors
Pubbl/distr/stampa	New York, : Nova Science Publishers, 2009
ISBN	1-61470-311-6
Descrizione fisica	1 online resource (121 p.)
Collana	Novinka
Altri autori (Persone)	BernsteinLinda F ConstableSarah W
Disciplina	355.3/450973
Soggetti	Veterans - Medical care - United States Managed care plans (Medical care) - United States Electronic books. United States Armed Forces Medical care United States Armed Forces Medical care Law and legislation
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	Military medical care: questions and answers / Richard A. Best Jr -- Military health care: the issue of "promised" benefits / David F. Burrelli -- Military health care: cost data indicate that Tricare Reserve Select premiums exceeded the costs of providing program benefits / United States Government Accountability Office -- DOD and VA health care: Challenges encountered by injured service members during their recovery process / United States Government Accountability Office -- Increases in Tricare costs: Background and options for Congress / Richard Best and Don J. Jansen.

2. Record Nr.	UNINA9910790404003321
Autore	Ikesue Akio <1958->
Titolo	Ceramic lasers / / authors, Akio Ikesue, Yan Lin Aung, Voicu Lupei [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2013
ISBN	1-139-88775-0 1-107-24080-8 1-107-25057-9 1-68015-988-7 1-107-24808-6 1-107-24974-0 0-511-97804-9 1-107-24725-X 1-107-24891-4
Descrizione fisica	1 online resource (xii, 445 pages) : digital, PDF file(s)
Disciplina	621.36/6
Soggetti	Laser materials Ceramic materials
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	Machine generated contents note: 1.1. Research background -- 1.2. Technical problems of melt-growth single crystals -- 1.3. Technical problems of ceramics -- 1.4. Purpose of this research -- 1.5. Outline of the book -- References -- 2.1. Interaction of quantum systems with electromagnetic radiation (radiation absorption and emission processes in quantum systems) -- 2.2. Solid-state lasers -- 2.3. The flow of excitation inside the laser material -- 2.4. Laser emission processes -- 2.5. The spatial distribution of the de-excitation processes -- 2.6. Thermal field inside the pumped laser material and thermal effects -- 2.7. Performance scaling of solid-state lasers -- 2.8. The laser material -- References -- 3.1. Introduction -- 3.2. Microstructure and optical characteristics of Nd:YAG processed by HIP (hot isostatic pressing) -- References -- 4.1. Current status of single crystal technology -- 4.2.

Requirements for sesquioxide ceramic lasers -- 4.3. Synthesis of optical grade sesquioxide ceramics -- 4.4. Optical quality and laser performance -- References -- 5.1. Production of heavily doped Nd:YAG and lasing characteristics -- 5.2. Effect of impurity (Si) on Nd solid-melt in YAG ceramics -- References -- 6.1. Introduction -- 6.2. Experimental procedure -- 6.3. Results -- 6.4. Discussion -- 6.5. Summary -- References -- 7.1. Composite technology -- 7.2. Ceramic fiber laser -- 7.3. Single crystal ceramics produced by sintering -- 7.4. Summary -- References -- 8.1. Garnet system materials -- 8.2. Perovskite system materials -- 8.3. Non-oxide system (II-VI compound) materials -- 8.4. Fluoride system materials -- 8.5. Applications in the fields of biotechnology and medical technology -- 8.6. High intensity lasers for engine ignition -- 8.7. Investigation of solid-state lasers as solar pump lasers -- References -- References -- 10.1. Structural characterization of doped ceramics by optical spectroscopy -- 10.2. The quantum states of the doping ions -- 10.3. Radiative and non-radiative de-excitation processes -- 10.4. Distribution of the doping ions in ceramics -- 10.5. Conversion of excitation in doped ceramics -- 10.6. Conclusions from high resolution optical spectroscopy of laser ceramics -- References -- 11.1. Pumping schemes -- 11.2. Radiative and non-radiative processes in ceramics -- 11.3. Ceramic laser materials and components -- 11.4. Ceramic lasers -- 11.5. Concluding remarks: the state of the art and directions of development of ceramic lasers -- References.

Sommario/riassunto

Until recently, ceramic materials were considered unsuitable for optics due to the numerous scattering sources, such as grain boundaries and residual pores. However, in the 1990s the technology to generate a coherent beam from ceramic materials was developed, and a highly efficient laser oscillation was realized. In the future, the technology derived from the development of the ceramic laser could be used to develop new functional passive and active optics. Co-authored by one of the pioneers of this field, the book describes the fabrication technology and theoretical characterization of ceramic material properties. It describes novel types of solid lasers and other optics using ceramic materials to demonstrate the application of ceramic gain media in the generation of coherent beams and light amplification. This is an invaluable guide for physicists, materials scientists and engineers working on laser ceramics.

3. Record Nr.	UNIORUON00038963
Autore	LAGRANGE, Marie-Salomé
Titolo	Les chemins de la "memoria" : Nouvel essai d'analyse du discours archéologique / Marie-S. Lagrange et Charles Bonnet
Pubbl/distr/stampa	Paris, : CNRS, 1978
Descrizione fisica	VIII, 55 p. : fig. ; 20 cm
Classificazione	IG X
Altri autori (Persone)	BONNET, Charles
Soggetti	ARCHEOLOGIA
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia