

Handbook Of Optical Constants Of Solids

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Handbook of Optical Constants of Solids | ScienceDirect

This handbook--a sequel to the widely used Handbook of Optical Constants of Solids--contains critical reviews and tabulated values of indexes of refraction (n) and extinction coefficients (k) for almost 50 materials that were not covered in the original handbook.

Handbook of Optical Constants of Solids | ScienceDirect

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Handbook of Optical Constants of Solids - 1st Edition

Synopsis. This book presents data on the optical constants of metal elements (Na, Au, Mg, Hg, Sc, Al, Ti, \u2295Sn, V, Cr, Mn, Fe, La, Th, etc.), semimetal elements (graphite, Sb, etc.), metallic compounds (TiN, VC, TiSi2, CoSi2, etc.) and high-temperature superconducting materials (YBa2Cu3O7-\u2212, MgB2, etc.). A complete set of the optical constants are presented in tabular and graphical forms over the entire photon-energy range.

Handbook On Optical Constants Of Metals, The: In Tables ...

A complete set of the optical constants are presented in tabular and graphical forms over the entire photon-energy range. They are: the complex dielectric constant \u0394(E)=1(E)+\u03942(E), the complex refractive index n*(E)=n(E)+ik(E), the absorption coefficient \u0394(E) and the normal-incidence reflectivity R(E).

Handbook On Optical Constants Of Metals, The: In Tables ...

This handbook--a sequel to the widely used Handbook of Optical Constants of Solids--contains critical reviews and tabulated values of indexes of refraction (n) and extinction coefficients (k) for almost 50 materials that were not covered in the original handbook.

Handbook of Optical Constants of Solids, Vol. 2: Palik ...

Handbook of Optical Constants of Solids: Volume 2 Academic Press handbook series Volume 2 of Handbook of Optical Constants of Solids, Edward D. Palik, ISBN 012544415X, 9780125444156 Knovel Library:...

Handbook of Optical Constants of Solids: Volume 2 - Google ...

The Handbook of Thermo-Optic Coefficients of Optical Materials with Applicationscollects refractive index measurements and their temperature dependence for a large number of crystals and glasses. Mathematical models represent these data, and in turn are used in the design of nonlinear optical devices.

Handbook of Optical Constants of Solids, Five-Volume Set

Handbook of Optical Constants of Solids, Volume 3. Handbook of Optical Constants of Solids. , Volume 3. Edward D. Palik. Academic Press, 1998 - Science - 999 pages. 2 Reviews. This is the third...

Handbook of Optical Constants of Solids - Google Books

The Handbook of Optical Materials is a compilation of the physical properties of optical materials used in optical systems and lasers. It contains extensive data tabulations but with a minimum of narration, in a style similar to that of the CRC Handbook of Chemistry and Physics.

HANDBOOK OF OPTICAL MATERIALS

Overview This volume in the Handbook of Optical Constants of Solids is the first and only book to provide comprehensive coverage of refractive index and thermo-optic coefficients. It contains the refractive indexes and thermo-optic coefficients for nonlinear crystals, semiconductors, optical glasses, and fiber glasses.

Handbook of Optical Constants of Solids: Handbook of ...

eBook Overview This handbook--a sequel to the widely used Handbook of Optical Constants of Solids--contains critical reviews and tabulated values of indexes of refraction (n) and extinction coefficients (k) for almost 50 materials that were not covered in the original handbook.

Handbook of Optical Constants of Solids. Palik, Edward D ...

While bits and pieces of the index of refraction n and extinction coefficient k for a given material can be found in several handbooks, the Handbook of Optical Constants of Solids gives for the first time a single set of n and k values over the broadest spectral range (ideally from x-ray to mm-wave region).

Handbook of Optical Constants of Solids - 1st Edition

This handbook--a sequel to the widely used Handbook of Optical Constants of Solids--contains critical reviews and tabulated values of indexes of refraction (n) and extinction coefficients (k) for almost 50 materials that were not covered in the original handbook. For each material, the best known n

Handbook of Optical Constants of Solids (Enhanced Edition ...

E. D. Palik, (Handbook of Optical Constants of Solids,) Academic Press, San Diego, 1985.

E. D. Palik, (Handbook of Optical Constants of Solids ...

Handbook of Optical Constants of Solids Palik, Edward D. (eds.) This handbook gives a single set of n and k values over the broadest spectral range (ideally from x-ray to mm-wave region). The critiquers have chosen the numbers based on their own broad experience in the study of optical properties.

Handbook of Optical Constants of Solids | Palik, Edward D ...

Overview. This handbook--a sequel to the widely used Handbook of Optical Constants of Solids--contains critical reviews and tabulated values of indexes of refraction (n) and extinction coefficients (k) for almost 50 materials that were not covered in the original handbook. For each material, the best known n and k values have been carefully tabulated, from the x-ray to millimeter-wave region of the spectrum by expert optical scientists.

Handbook of Optical Constants of Solids: Volume 2 by ...

The Electronic Handbook of Optical Constants of Solids takes the highly praised five-volume set, Handbook of Optical Constants of Solids, to a new level of "information mining" with seamless integration of dynamic data tables, 2D and 3D displays, property calculations, and technical information. The program is designed for amterial

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