1. Record Nr. UNINA9910788850003321

Autore	Bownik Marcin <1971->
Titolo	Anisotropic Hardy spaces and wavelets / / Marcin Bownik
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 2003
ISBN	1-4704-0379-X
Descrizione fisica	1 online resource (136 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; number 781
Disciplina	510 s 515/.94
Soggetti	Hardy spaces Wavelets (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Volume 164, number 781 (third of 5 numbers)."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Contents""; ""Chapter 1. Anisotropic Hardy Spaces""; ""1. Introduction""; ""2. The space of homogeneous type associated with the discrete group of dilations""; ""3. The grand maximal definition of anisotropic Hardy spaces""; ""4. The atomic definition of anisotropic Hardy spaces""; ""5. The CalderA³n-Zygmund decomposition for the grand maximal function""; ""6. The atomic decomposition of H[sup (p)]""; ""7. Other maximal definitions""; ""8. Duals of H[sup(p)]""; ""9. CalderA³n-Zygmund singular integrals on H[sup(p)]""; ""10. Classification of dilations""; ""Chapter 2. Wavelets"" ""1. Introduction""""2. Wavelets in the Schwartz class""; ""3. Limitations on orthogonal wavelets""; ""4. Non-orthogonal wavelets in the Schwartz class""; ""5. Regular wavelets as an unconditional basis for H[sup(p)]""; ""6. Characterization of Hp in terms of wavelet coefficients""; ""Notation Index""; ""Bibliography""

2. Record Nr. UNINA9910829976103321

Autore	Land C. M. van't <1937->
Titolo	Safety in design / / C.M. van't Land
Pubbl/distr/stampa	Hoboken, NJ : , : John Wiley & Sons, Inc., , [2018] ©2018
ISBN	1-118-74558-2 1-118-74569-8 1-118-74542-6
Edizione	[First edition.]
Descrizione fisica	1 online resource (222 pages)
Disciplina	621.48/35
Soggetti	Nuclear reactors - Safety measures Nuclear reactors - Design and construction Chemical engineering - Safety measures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	Expert insight and guidance on integrating safety into design to significantly reduce risks to people, systems, property, and communities Safe design refers to the integration of hazard identification and risk assessment methods early in the design process so as to eliminate or minimize the risks of catastrophic failure throughout the life of a system, process, product, or service. This book provides engineers, designers, scientists and governmental officials with the knowledge and tools needed to seamlessly incorporate safety into the design of civil, industrial, and agricultural installations, as well as transportation systems, so as to minimize the risk of accidents and injuries. The methodology described in Safety in Design originates from the continuous safeguarding techniques first developed in the chemical industry and can successfully be applied to a range of industrial and civil settings. While the author focuses mainly on the aspects of safe design, he also addresses procedures which have a proven track record of preventing and alleviating the impacts of accidents with existing designs. He shares lessons learned from his nearly half-century of experience in the field and provides accounts of

mishaps which could have been prevented, or significantly mitigated, based on data collected from approximately seventy incidents that have occurred in various countries. • Describes the application of safe design in an array of fields, including the chemical industry, transportation, farming, the building trade, and leisure • Reviews the history of intrinsic process safeguarding, which was first used in the chemical industry to minimize the risk of human error or instrumentation failure • Describes dozens of preventable incidents to illustrate the critical role safe design can play • Provides expert guidance and valuable tools for seamlessly weaving safety into every phase of the design process Safety in Design is an indispensable working resource for chemical, civil, mechanical, risk, and safety engineers, as well as professional R&D scientists, and process safety professionals. It is also a useful reference for insurers who deal with catastrophic loss potentials, and for government personnel who regulate or monitor industrial plants and procedures, traffic systems, and more.