1. Record Nr. UNIBAS000016325

Autore	Akahira, Masafumi
Titolo	Non-regular statistical estimation / Masafumi Akahira, Kei Takeuchi
Pubbl/distr/stampa	New York [etc.] : Springer, c1995
ISBN	0-387-94578-4
Descrizione fisica	VIII, 183 p. ; 24 cm.
Collana	Lecture notes in statistics ; 107
Altri autori (Persone)	Takeuchi, Kei
Disciplina	519.544
Soggetti	Statistica Teoria della stima
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910734355003321

Titolo	Advances of Heat Transfer in Porous Media / / edited by Moghtada Mobedi and Kamel Hooman
Pubbl/distr/stampa	[Place of publication not identified] : , : MDPI - Multidisciplinary Digital Publishing Institute, , 2023
Descrizione fisica	1 online resource (222 pages)
Disciplina	621.4022
Soggetti	Heat-transfer media Mechanical engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This reprint is a collection of recent advanced studies in the field of heat and fluid flow in porous media. The pore size of the studied porous media in this reprint starts from a nanoscale, and the applications include the drying process of materials such as clay and lentil grain as well as the enhancement of heat transfer by using high thermal conductive porous media such as metal foams and stacked woven wire mesh. The use of a suitable porous structure for helium gas cooling under high heat flux conditions of a nuclear fusion divertor is an interesting application of porous structures for heat transfer enhancement, which is discussed in this reprint. A method for the trade-off thermo-hydrodynamic performance of a porous medium, which is an important issue for heat transfer enhancement, is also discussed. In the performed numerical studies, different methods such as finite volume method, lumped analysis and molecular dynamics are employed. Heat and mass transfer in structural ceramic blocks is analyzed by an analytical and phenomenological approach. All chapters of this reprint are advanced studies including wide application areas of porous media as well as interesting computational models that are useful for the researchers in the field of "Heat Transfer in Porous Media".