

1. Record Nr.	UNINA9910416527603321
Titolo	Accelerated Pavement Testing to Transport Infrastructure Innovation [[electronic resource]] : Proceedings of 6th APT Conference // edited by Armelle Chabot, Pierre Hornych, John Harvey, Luis Guillermo Loria- Salazar
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-55236-5
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (724 pages)
Collana	Lecture Notes in Civil Engineering, , 2366-2557 ; ; 96
Disciplina	625.8
Soggetti	Building materials Materials science Building Strength of materials Engineering geology Foundations Hydraulics Building Materials Characterization and Evaluation of Materials Building Construction and Design Geoengineering, Foundations, Hydraulics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This volume gathers the latest advances, innovations, and applications in the field of accelerated pavement testing (APT), presented at the 6th International Conference on Accelerated Pavement Testing, in Nantes, France, on September 27-29, 2021. Discussing APT, which involves rapid testing of full-scale pavement constructions for structural deterioration, the book covers topics such as APT facilities, APT of asphalt concrete and sustainable/innovative materials, APT for airfield pavements, testing of maintenance and rehabilitation solutions, testing

of smart and multi-functional pavements, data analysis and modeling, monitoring and non-destructive testing, and efficient means of calibrating/developing pavement design methods. Featuring peer-reviewed contributions by leading international researchers and engineers, the book is a timely and highly relevant resource for materials scientists and engineers interested in determining the performance of pavement structures during their service life (10+ years) in a few weeks or months.
