

1. Record Nr.	UNINA9910164867803321
Titolo	COMPRAIL : railway engineering, design and operation // editors, C. A. Brebbia [and three others]
Pubbl/distr/stampa	Southampton, England ; ; Boston, [Massachusetts] : , : WIT Press, , 2017 ©2017
ISBN	1-78466-244-5
Descrizione fisica	1 online resource (317 pages) : illustrations (some color), charts
Disciplina	625.1
Soggetti	Railroad engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Stochastic model for the real-time train rescheduling / B. Davydov, V. Chebotarev & K. Kablukova -- Reducing maintenance costs for ballasted track: evidence from Britain / Alejandro Ortega, Simon Blainey & John Preston -- A long-term analysis of passenger flows on a regional rail line / B. Caropreso, C. Di Salvo, M. Botte & L. D'Acerno -- The effect of railway accessibility on the choice of university studies / I. Henke -- Relationship between accessibility improvement and residential property appreciation: an observation from Shanghai Metro / Q. Wu & X. Ye -- Optimization system of reserved/non-reserved seating plans for improving convenience and revenue of intercity express trains / S. Nakagawa, M. Shibata & N. Fukasawa -- A software architecture for autonomous maintenance scheduling: scenarios for UK and European rail / Chris Turner, Prithyukshaa Thoppur Ravi, Ashutosh Tiwari, Andrew Starr & Kevin Blacktop -- Interactive timetabling system with function of estimating train congestion on timetable planned / Daisuke Tatsui, Taketoshi Kunimatsu & Takashi Sakaguchi -- Maximizing freight traffic by re-routing / C. Meirich & N. Niessen -- Train timetable rescheduling generation based on vehicle type and train route combinations / T. Katori & T. Izumi -- Intelligent adaptive schedulers for railways / G. Rzevski & P. Skobelev -- Delays for passenger trains on a regional railway line in Southern Sweden / C. W. Palmqvist, N. O. E. Olsson & L. Hiselius -- Increasing robustness of timetables by deliberate operation of trains to shorten headways / H.

Yabuki, Y. Takatori, M. Koresawa & N. Tomii -- Feasibility evaluation and critical factor analysis for subway scheduling / T. Zhu, J. M. Mera, E. Castellote & J. Lopez -- An optimization approach to railway track allocation considering the train-set routings / Bum Hwan Park -- Evaluation of train schedule by using information theory / K. Moro & Y. Sugai -- Influence of high-speed train power consumption on a novel ground fault identification method for 2 x 25 kV railway power supply systems / J. Serrano, C. A. Platero, M. Lopez-Toledo & R. Granizo -- Lifecycle vs element costs: a new approach to optimize the power supply system design in railways infrastructures / M. Soler, J. Lopez, J. M. Mera & J. Maroto -- Increasing railway energy efficiency: a three-level method / R. M. Paulussen, G. F. Ten Harve, T. Ploeg & A. Zoeteman -- Freight train scheduling with minimum energy consumption / T. H. Le & B. Jaumard -- Stray current corrosion mitigation, testing and maintenance in DC transit system / S. A. Memon & P. Fromme -- Characteristics of corrugation in Shanghai Metro and suggested maintenance threshold for amplitude / Wanyi Liu, Haifeng Li, Yude Xu, Wanqing Zhang, Sihan Yan, Fengyu Li & Junxing Qiu -- Preliminary results and conclusions from the experimental monitoring of thermal regime of railway track structure / L. Izvolt, P. Dobes & M. Pitonak -- An efficient contact model for dynamic interaction analysis of high-speed train and railway structure including derailment during an earthquake / M. Tanabe, K. Goto, T. Watanabe, M. Sogabe, H. Wakui & Y. Tanabe / Risk assessment of railroad for the presence of underground cavities based on a statistical approach / J. Oh, H. Yoo, B. Park, J. Kim & J. Oh -- A railway simulation suite for modelling advanced railway control systems / P. Stankaitis, A. Iliasov & A. Romanovsky -- LED railway signal vs full compliance with colorimetric specifications / G. Schirripa Spagnolo, D. Papalillo, C. Malta & S. Vinzani -- Travelling virtual balise for ETCS / A. Filip -- An analytical methodology for extending passenger counts in a metro system / R. Di Mauro, M. Botte & I. D'Acierno -- The impact of platform screen doors on rail capacity / O. Lindfeldt.

---