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Autore	Windeck Volker
Titolo	A liner shipping network design : routing and scheduling considering environmental influences // Volker Windeck ; foreword by Hartmut Stadler
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Collana	Produktion und Logistik
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Maritime Transportation -- Environmental Routing -- Liner Shipping Network Design -- Kite Propulsion System -- Mixed Integer Programming.
Sommario/riassunto	<p>The liner shipping network design delivers schedules and routes for ships that continuously visit harbours on a closed round trip. Examples of such ships are container ships that in many cases maintain a weekly harbour visiting frequency. Volker Windeck elaborates a liner shipping network design approach which is not only considering the harbours to be visited, cargo to be transported and number of ships available, but also considers environmental influences. Additionally the revenue contribution of alternative propulsion system can also be analysed. Extensive numerical tests indicate that significant saving are obtained when using this liner shipping network design approach. Der Inhalt</p> <ul style="list-style-type: none"> · Routing and Scheduling in Maritime Shipping · Environmental Routing · Strategic Liner Network Design Die Zielgruppen · Researchers and students in the fields of transportation and logistics. · Executives in the area of maritime transportation, ship routing and its management. Der Autor Dr. Volker Windeck wrote his dissertation under Prof. Dr. Hartmut Stadler's supervision at the Institute for Logistics and Transportation

at the University of Hamburg.
