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BOOKS

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BOOK CHAPTERS

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"Cohesive forest fire management within an imperfect information environment: a review of risk handling and Decision Support Systems actually in use," (With Abilio Pereira Pacheco, João Claro, Paulo Fernandes, Richard de Neufville, Tiago M. Oliveira, José G. Borges, José Coelho Rodrigues) Chapter in "Advances in Forest Fire Research 2018," Imprensa da Universidade de Coimbra, 2018
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"Engineering Options Analysis," Chapter 6 in "Decision Making under Deep Uncertainty: from Theory to Practice," V.A.W.J. Marchau, W.E. Walker, P. Bloemen, and S. Popper, eds., Springer, pp. 117-132, 2019. <https://doi.org/10.1007/978-3-030-05252-2>

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223. "Real Estate Price Dynamics and the Value of Flexibility," (with D. Geltner) 2017 International Meeting, American Real Estate & Urban Economics Association (AREUEA), Amsterdam, July. DOI: 10.13140/RG.2.2.20256.48649
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224. "Impact of Operating Rules on Planning Capacity Expansion of Urban Water Supply Systems," S. Galelli, R. de Neufville, and X. Tian, Paper H32G-08. AGU Annual Meeting, New Orleans, 2017.
225. "System Dynamics Modeling of Chinese Urban Housing Markets for Pedagogical and Policy Analysis Purposes," (X. Zhang, D. Geltner, and R. de Neufville) 2015 APERS Special Issue, Chau, Ong, and Lui eds., Journal of Real Estate Finance and Economics, 57:3, pp. 476-501, 2018 <https://doi.org/10.1007/s11146-017-9650-z>
226. "Cohesive forest fire management within an imperfect information environment: a review of risk handling and Decision Support Systems actually in use," Abílio Pereira Pacheco, João Claro, Paulo Fernandes, Richard de Neufville, Tiago M. Oliveira, José G. Borges, José Coelho Rodrigues, Fire Risk Management theme of the 8th International Conference on Forest Fire Research. Coimbra, 2018.
227. "Versatility vs. retrofittability tradeoff in design of non-transport vessels," (with Carl Rehn, Stein Erikstad, and Jose Agis), Ocean Engineering 167, pp. 229-238, 2018.
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229. "Load and Management Uncertainty Needed in Capacity Planning: Singapore Water Example," (with S. Galelli), 6th International Symposium on Reliability Engineering and Risk Management, Singapore, June 2018
230. "Suborbital Space Tourism: A Commercial Feasibility Assessment," (with M. Guerster and E. Crawley), 69th International Astronautical Congress, Bremen, Germany, 1 – 5 October 2018
231. "Flexibility in Design: Key Methodological Concepts illustrated by an Example" American Society of Naval Engineers, Workshop on Modular Adaptable Ships, Washington, DC, Nov. 14, 2018. <http://www.navalengineers.org/Resources/Product-Info/productcd/DSWDENEUFVILLE>
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234. "Project Phasing and Flexibility can reduce risk and increase value of the new Space Launch Complex in the Azores," (with D. Lasi), MIT-Portugal Research Conference, San Miguel, Açores, Sept 30, 2019.
235. "Investment Decision Model for a Commercially Owned and Operated Space Station in Low Earth Orbit," (with G. Lordos, M. Moraguez, A. Trujillo, S. Wald, and O. de Weck), 70th International Astronautical Congress (IAC), Washington D.C., 21-25 Oct. 2019.

236. "Optimization of Corporate Open Source Strategy and Teamwork Implementation," (with Nick Ng), Annual Meeting, Institute of Industrial and Systems Engineering, Orlando, May 2019
237. "Flexible Design Opportunities in Small-Satellites Launch Infrastructures," (with D. Lasi) 2020 IEEE Aerospace Conference, Big Sky, Montana, March 2020.
238. "Deployment Strategies for a Financially Viable Remote Sensing Constellation, (with A. Trujillo) 2020 IEEE Aerospace Conference, Big Sky, Montana, March 2020.
239. "De-risking investments in industrial systems using Real Options Analysis: Case of Phosphates Fertilizer Firm," (with I. Essaadi) International Conference on Advances in Production Management Systems, pp. 418-426. APMS Conference, Novi Sad, Serbia, August 2020.