References

Pisinger, D., *Heuristics for the container loading problem*, European journal of operational research. 141. (2). pp.382-392. (2002).

Bortfeldt, A., Wascher, G., *Constraints in container loading A state-of-the-art review*. European Journal of Operational Research. 229. 1. pp. 1-20. (2013).

Ramos, A., Oliveira, J., Goncalves, J., Lopes, M. *Dynamic stability metrics for the container loading problem*. Transportation Research Part C: Emerging Technologies. 60. pp.480-497. (2015).

Alvarez-Martínez, D., Alvarez-Valdes, D., and Parreño, F., *A GRASP algorithm for the container loading problem with multi-drop constraints*. Pesquisa Operacional, 35(1). pp. 1-24 (2015).

Mitchell, P., *Material and part handling in manufacturing*. Dearborn: Society of Manufacturing Engineers. (4th ed.). (1998).

GDV, Gesamtverband der Deutschen Versicherungswirtschaft., *Container Handbook*. Cargo loss prevention information from German marine insurers. Ch 2. Available Online http://www.containerhandbuch.de/chb_e/. Accesed (02/04/2017).

Boeing, A., Brunl, T., *Evaluation of real-time physics simulation systems*. Proceedings of the 5Th International Conference On Computer Graphics And Interactive Techniques In Australia And Southeast Asia - GRAPHITE '07. (2007).

EasyCargo., *EasyCargo is truck and container loading software*. Available Onlinehttp://www.easycargo3d.com/. Accesed(16/04/2017).

Erleben, K., *Module based Design for Rigid Body Simulators*. Technical report. University of Copenhagen. (2002).

Unity Technologies., *Unity es el software líder a nivel mundial en la industria de los juegos*. Available Online http://www.unity.com/. Accesed (02/02/2017).

NVIDIA Corporation., *PhysX is a scalable multi-platform game physics solution supporting a wide range of devices, from smartphones to high-end multi core CPUs*. Available Online https://developer.nvidia.com/physx-sdk. Accesed (20/12/2016).

Autodesk Inc., *Inventor Professional 3D CAD software offers an easy-to-use set of tools for 3D mechanical design, documentation, and product simulation*. Available Online http://www.autodesk.com/. Accesed (11/12/2016).

Bischoff, E.E., Ratcliff, M.S.W., *Issues in the development of approaches to container loading*. Omega, 23: pp.377-390. (1995).

Biographies

Juan Camilo Martínez received the Engineering and master's degree in mechanical engineering from Universidad de Los Andes, Bogotá, Colombia, in 2018.

Daniel Cuellar received the Engineering degree in Industrial Engineering from Universidad de La Salle- Bogotá, Colombia, in 2017. He is a master student in Industrial Engineering at the Universidad de Los Andes (Colombia) since 2017.

Edgar Céspedes received the Engineering degree in Industrial Engineering from Universidad Central - Bogotá, Colombia, in 2017. He is a master student in Industrial Engineering at the Universidad de Los Andes (Colombia) since 2017.

David Álvarez-Martínez received a PhD from Universidade Estadual Paulista "Júlio de Mesquita Filho" (Brazil) in 2014. He is a Professor of Industrial Engineering at Universidad de Los Andes (Colombia) since 2016. His current research interest includes optimization, simulation and industrial automation (robotics) for transportation and logistics problems.