## **REFERENCES**

Mckinsey & Company, Imagining construction's digital future. 2016.

http://www.mckinsey.com/industries/capital-projects-and-infrastructure/our-insights/imagining-constructions-digital-future, Accessed in: 12/06/2017

Brown MT, Bardi E. 2001. Handbook of energy evaluation. A compendium of data energy computation issued in a series of folios. Folio 3: Energy of ecosystems, Center for Environmental Policy, Environmental Engineering Sciences, University of Florida, Gainesville. 2001

Metalogalva, FEUP, 2015, VHSSPOLES - Very High Strength Steel Poles, Artes Gráficas, Porto

https://www.mathworks.com/help/gads/some-genetic-algorithm-terminology.html Accessed: 01/06/2017

Fogel, 2006. Evolutionary Computation: Toward a New Philosophy of Machine Intelligence, IEEE press, New York, USA

A. Lipowsky, 2011, *Roulette-wheel selection via stochastic acceptance*, Adam Mickiewicz University, Poznán, Poland

https://www.autodesk.com/products/robot-structural-analysis/overview Accessed: 01/03/2017

http://www.rhino3d.com/ Accessed: 01/03/2017

http://www.grasshopper3d.com/ Accessed: 01/03/2017

H.S. Bernardino, H.J.C Barbosa, A.C.C Lemonge, 2008, A new hybrid AIS-GA for constrained optimization problems in mechanical engineering, IEEE congress, Hong Kong, China

D. Orvosh; L. Davis, (1994), Using a genetic algorithm to optimize problems with feasibility constraints, IEEE conference, Florida, USA

http://www.nashcoding.com/2010/07/07/evolutionary-algorithms-the-little-things-youd-never-guess-part-1/ Accessed: 20/05/2017

https://setis.ec.europa.eu/related-jrc-activities/jrc-setis-reports/energy-efficiency-iron-and-steel-industry-technology Accessed: 06/06/2017