Accepted Manuscript

Scheduling the South American Qualifiers to the 2018 FIFA World Cup by Integer Programming

Guillermo Durán, Mario Guajardo, Denis Sauré

PII: \$0377-2217(17)30390-9 DOI: 10.1016/j.ejor.2017.04.043

Reference: EOR 14409

To appear in: European Journal of Operational Research

Received date: 7 October 2016
Revised date: 21 March 2017
Accepted date: 19 April 2017



Please cite this article as: Guillermo Durán, Mario Guajardo, Denis Sauré, Scheduling the South American Qualifiers to the 2018 FIFA World Cup by Integer Programming, *European Journal of Operational Research* (2017), doi: 10.1016/j.ejor.2017.04.043

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Highlights

- Integer programming produces schedule of FIFA World Cup South American Qualifiers
- A mirrored schedule without double round breaks is infeasible
- New schedule reduces double round breaks from 18 to zero compared to old schedule
- New schedule unanimously approved by the ten South American countries
- New schedule currently being used for the qualifiers to 2018 FIFA World Cup Russia

Download English Version:

https://daneshyari.com/en/article/4959591

Download Persian Version:

https://daneshyari.com/article/4959591

Daneshyari.com