

Graver basis

Francisco Javier Blázquez Martínez



ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE

Mathematics section,
Chair of discrete optimization

Project director: Dr. Friedrich Eisenbrand

Project supervisor: Jana Cslovjeczsek

December 2020

Acknowledgements

I want to thank the Complutense University and all the teachers I've had these last four years for introducing me in these fantastic worlds that are the Mathematics and the Computer Sciences. I especially want to thank Daniel Chaver, David Atienza and Katzalin Olcoz for helping me in the process of coming to this fantastic university, the École Polytechnique Fédéral de Lausanne, to finish my studies.

Of course I want to thank Professor Friedrich Eisenbrand for trusting me for this project and Jana Cslovjecsek for helping me during the whole process.

Contents

Acknowledgements

i