
Integer Flows and Coverings

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21.1 Circulations and Colourings

In Chapter 20, we studied circulations and tensions over fields. In this concluding chapter, we return to the same notions, but regarded here as functions defined over arbitrary abelian groups. Studying them in this more general setting leads to interesting applications on colourings and coverings, and to some of the most intriguing unsolved problems of the subject.