Sectionally complemented chopped lattices

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Part I: Background
Part II: Characterizing the 1960 sectional complemer
Part III: The general problem

Outline of Part I: Background

Chopped lattices

Outline of Part I: Background

Chopped lattices

2 Ideals and congruences

Outline of Part II: Characterizing the 1960 sectional complement

What it is not

Outline of Part II: Characterizing the 1960 sectional complement

What it is not

The characterization theorem

Part I: Background
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Part III: The general problem

Outline of Part III: The general problem

5 The Lakser Theorem

Part I: Background
Part II: Characterizing the 1960 sectional complement
Part III: The general problem

Outline of Part III: The general problem

- **5** The Lakser Theorem
- 6 A small counterexample

Outline of Part III: The general problem

- **5** The Lakser Theorem
- 6 A small counterexample
- A cyclic counterexample

Part I

Background

Part I Outline

Chopped lattices

2 Ideals and congruences

Defining chopped lattices

Starting the definitions

Ideals

Continuing the definitions

Part II

Characterizing the 1960 sectional complement

Part II Outline

What it is not

4 The characterization theorem

Not maximal, minimal, or fixed point

Counterexamples

The main result

State the characterization theorem

The Lakser Theorem A small counterexample A cyclic counterexample

Part III

The general problem

Part III Outline

- **5** The Lakser Theorem
- 6 A small counterexample
- A cyclic counterexample

The problem

Stating the general problem and Harry's observation

Four-element overlap

Counterexample

Three cycle

Cyclic counterexample