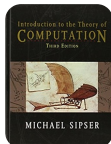


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Exercício 9

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...



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Solução Certificado

Passo 1

1 de 2

By definition 4.12, two sets are of the same size if there is a correspondence between them. We need to prove that relation "is of the same size" is equivalence relation, which means it is **reflexive**, **symmetric** and **transitive**.

Reflexivity is easy: set A is of the same size as itself, because

For symmetry, let A be of the same size as B and let f be a

Now let A be the same size as B with correspondence f \color{blue}

Resultado

2 de 2

We prove reflexivity, symmetry and transitivity of relation "is of the same size".

Avaliar esta solução

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[Exercício 10 >](#)

