

Love

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1 Introduction

Love is a complex emotion, often characterized by behaviors that can be difficult to understand. We want to more deeply understand love by modeling on the mathematical.

2 Modeling

2.1 Basic Definitions

The love is between two people, denoted as a and b , there $a, b \in P$. We define the love between a and b as $\{(a, b) | L(a, b)\}$. The love is not the symmetric relation, i.e., $L(a, b) \neq L(b, a)$.