

Alice

Bob

Charlie

Time

The diagram illustrates the causal structure of events for three individuals: Alice, Bob, and Charlie. The vertical axis represents time, with an upward arrow labeled 'Time'. Each individual's path through spacetime is represented by a vertical line (worldline). Alice's worldline has four nodes, Bob's has three, and Charlie's has five. Diagonal lines connect nodes across worldlines, indicating causal dependencies. Specifically, the top node of Alice is connected to the top node of Bob and the second node of Charlie. The second node of Alice is connected to the middle node of Bob. The middle node of Alice is connected to the bottom node of Bob. The bottom node of Bob is connected to the fourth node of Charlie. The top node of Bob is connected to the third node of Charlie. The middle node of Bob is connected to the second node of Charlie. The bottom node of Bob is connected to the first node of Charlie.

