The Metro\Journey Graph

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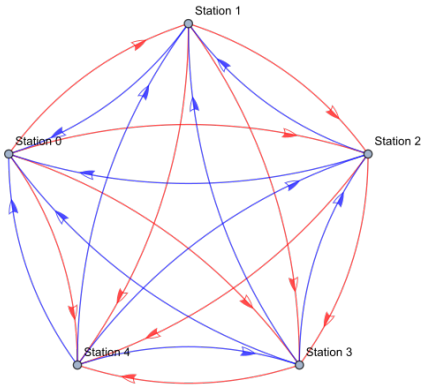
Abstract

The Metro\Journey Graph is one of the most useful directed graphs in economics as a mechanism to capture thieves. In this paper, I describe the Metro\Journey Graph. The paper ends with "The End"

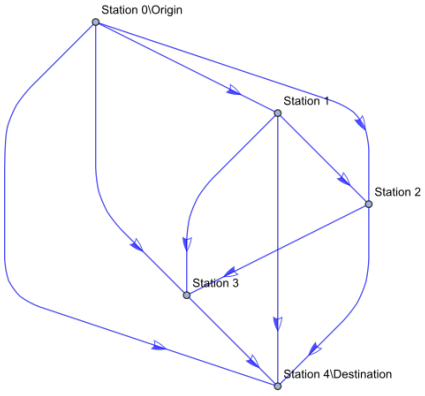
The Metro\Journey Graph

The Metro\Journey Graph is:

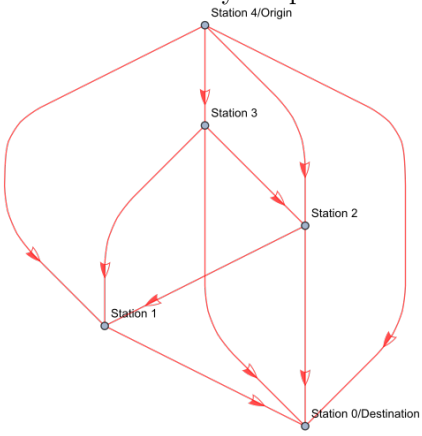


The Journey Graphs

The Metro\Journey Graph can also be viewed separately as a Forward Journey Graph and a Backward Journey Graph:



Forward Journey



Backward Journey

The Logic of the Metro\Journey Graph

The Metro\Journey Graph has five vertices.
The first vertex is the Origin of the Forward Journey.
There are three Stations in between the Origin and the Destination, which is also the fourth Station.
Excluding the Origin, the remaining $4 = 2 \times 2$ Stations can be considered as a 2×2 matrix of a Prisoner's Dilemma game.
The Train on the Metro uses the Blue Curves for the Forward Journey and
the Red Curves for the Backward Journey.
Thus, the Metro\Journey Graph functions as a mechanism to capture thieves.

Accompanying Questions

1. Is developing a Metro in a city moral, legal and legitimate?

2. Does the answer to the question above change when the Metro Operator is **not** of domestic origin?

3. Is developing a Metro in a city Fascism?

The End