

ASSIGNMENT 5

Due Date: 12 May 2021

QUESTION 1

Consider the following:

If the capital investment increases then inflation decreases and unemployment decreases. If inflation is non-decreasing taxes are raised. When taxes are not raised the capital investment is increased. It is observed that unemployment has increased, therefore show from the above premises that taxes are raised.

Perform the proof using:

1. Truth Tables
2. Formal Reasoning
3. Proof by Contradiction
4. Resolution Procedure
5. Wang's Algorithm

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