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Lord Soumadeep Ghosh

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The second and third equations of psychology

Soumadeep Ghosh

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Abstract

In this paper, I describe the second and third equations of psychology. The paper ends with "The End"

Introduction

In a previous paper, I've described the equation of psychology as perceived by me, the representative agent of economics.

In this paper, I describe the second and third equations of psychology as perceived by me, the representative agent of economics.

The second equation of psychology

The second equation of psychology is

$$p_\psi = p_v + p_p = 1$$

where

p_ψ is the psychologist's risk premium

p_v is the visionary's risk premium

p_p is the psychopath's risk premium

The third equation of psychology

The third equation of psychology is

$$(P - \Psi)(1 + r_f + p_\psi) = v(1 + r_f + p_v) + p(1 + r_f + p_p)$$

where

P is the population in the economy

Ψ is the number of psychologists in the economy

v is the number of visionaries in the economy

p is the number of psychopaths in the economy

r_f is the risk-free rate

p_ψ is the psychologist's risk premium

p_v is the visionary's risk premium

p_p is the psychopath's risk premium

The End

The two psychological economies

Soumadeep Ghosh

Kolkata, India

Abstract

In this paper, I describe the two psychological economies. The paper ends with "The End"

Introduction

In a previous paper, I've described the equation of psychology as perceived by me, the representative agent of economics. In a previous paper, I've described the second and third equations of psychology as perceived by me, the representative agent of economics. In this paper, I describe the two psychological economies.

The two psychological economies

Reducing the three equations of psychology gives us two psychological economies.

The Mathematica code is

Reduce[{P == Ψ + v + p, p_ψ == p_v + p_p == 1, (P - Ψ)(1 + r_f + p_ψ) == v(1 + r_f + p_v) + p(1 + r_f + p_p)}, {P, Ψ, v, p, r_f, p_ψ, p_v, p_p}]

The two psychological economies are:

1. **The interesting psychological economy or the economy of dreams, visions and psychological phenomena**

$$p = P - v - \Psi \wedge p_{\psi} = 1 \wedge P - 2v - \Psi \neq 0 \wedge p_v = \frac{v}{-P + 2v + \Psi} \wedge p_p = 1 - p_v$$

2. **The primitive psychological economy or the economy of psychologists**

$$\Psi = P \wedge v = 0 \wedge p = 0 \wedge p_{\psi} = 1 \wedge p_p = 1 - p_v$$

The End

A moderately large solution to the kievian-russian war

Soumadeep Ghosh

Kolkata, India

Abstract

In this paper, I describe a moderately large solution to the kievian-russian war. The paper ends with "The End"

Introduction

In a previous paper, I've described a model of the kievian-russian war. In this paper, I describe a moderately large solution to the kievian-russian war.

A moderately large solution to the kievian-russian war

A moderately large solution to the kievian-russian war is

$$M_K^0 = 106496$$

$$M_R^0 = 40960$$

$$M_K = 8192$$

$$M_R = 16384$$

$$\alpha_K = 1$$

$$\alpha_R = 4$$

$$\rho_K = 1$$

$$\rho_R = 4$$

The End

A large solution to the kievian-russian war

Soumadeep Ghosh

Kolkata, India

Abstract

In this paper, I describe a large solution to the kievian-russian war.
The paper ends with "The End"

Introduction

In a previous paper, I've described a model of the kievian-russian war. In this paper, I describe a large solution to the kievian-russian war.

A large solution to the kievian-russian war

A large solution to the kievian-russian war is

$$M_K^0 = 1089823$$

$$M_R^0 = 375251$$

$$M_K = 113107$$

$$M_R = 131072$$

$$\alpha_K = 1$$

$$\alpha_R = 4$$

$$\rho_K = 1$$

$$\rho_R = 4$$

The End

The interplanetary origin of humanity

Soumadeep Ghosh

Kolkata, India

Abstract

In this paper, I describe the interplanetary origin of humanity.
The paper ends with "The End"

Introduction

The origin of humanity has been debated so far in religion, science and philosophy to no avail.

In this paper, I describe the interplanetary origin of humanity.

The interplanetary origin of humanity

All males have their origin in the Warlord who resided on the planet Mars.

All females have their origin in Venus who resided on the planet Venus.

When the economies on both planets reached maturity, they arrived on Earth to meet Nature.

Nature allowed them to reside on Earth and reproduce.

Soon after, both Venus and Mars became uninhabitable for life.

Thus the remnants of humanity are seen on Earth.

The End

A solution to the jewish-islamic war

Soumadeep Ghosh

Kolkata, India

Abstract

In this paper, I describe a solution to the jewish-islamic war. The paper ends with "The End"

Introduction

In a previous paper, I've described a model of the jewish-islamic war. In this paper, I describe a solution to the jewish-islamic war.

A solution to the jewish-islamic war

A solution to the jewish-islamic war is

$$F_I = 27$$

$$F_J = 14$$

$$Y_I = 46$$

$$Y_J = 33$$

$$Z_I = 103$$

$$Z_J = 36$$

$$C_I = 18$$

$$C_J = 9$$

$$p_I = \frac{9}{19}$$

$$p_J = \frac{14}{3}$$

$$G = 73$$

$$t = \frac{1}{73} \ln\left(\frac{532}{27}\right)$$

The End

International Relations 101

Soumadeep Ghosh

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Abstract

In this paper, I describe the first course of International Relations (also known as IR 101).
The paper ends with "The End"

Introduction

The reader may refer to the previous papers titled "Hinduism" and "Hinduism continues" for an introduction to the terms used in this paper. In this paper, I describe the first course of International Relations (also known as IR 101).

Concepts of International Relations

The fundamental concepts of International Relations are:

1. **Objective:** Objective is a medium-term or long-term goal that is to be achieved through the course.
2. **Force:** Force is any technology that causes individual(s) to give up leisure.
3. **Power:** Power is the application of force across an area to achieve the objective.
4. **Strategy:** Strategy is the channeling of power across different areas to ultimately achieve the objective.
5. **Advantage:** Advantage is the intrinsic disparity of power between two or more participants in the course.
6. **Geopolitics:** Geopolitics is the use of geography and political science to increase the advantage of a nation-state.
7. **Diplomacy:** Diplomacy is the use of diplomats and diplomatic immunity to achieve the objective.

Theories of International Relations

There exist essentially 5 major theories of International Relations:

1. **Realism**
The theory of realism in IR says the nation-state does everything necessary to survive.
2. **Liberalism**
The theory of liberalism in IR says realism is correct but nation-states find ways to co-operate with one another.
3. **Constructivism**
The theory of constructivism in IR says nation-states determine their own future.
4. **Relativism**
The theory of relativism in IR says nation-states bargain from relative positions and not absolute positions.
5. **Regionalism**
The theory of regionalism in IR says a nation-state only needs to concern about it's neighbourhood to remain viable.

The End

The economic choice India faces: Tattonement or Lebensraum

Soumadeep Ghosh

Kolkata, India

Abstract

In this paper, I describe the economic choice India faces: Tattonement or Lebensraum.
The paper ends with "The End"

Introduction

Having implemented economic, political and social reforms in the last 5 years, India now faces an economic choice. In this paper, I describe the economic choice India faces: Tattonement or Lebensraum.

Tattonement

Tattonement is described as a step-by-step process of achieving economic progress. Tattonement says that economic progress in an economy can be attained only by implementing reforms (including monetary reforms) at critical points in time when progress is possible only through those reforms.

Lebensraum

Lebensraum is described as an extremely fast process of achieving economic progress. Lebensraum says that economic progress in an economy can be attained only by using force and occupation of areas (including, if need be, neighbouring nation-states) at critical points in time when progress is possible only through using force.

The economic choice India faces: Tattonement or Lebensraum

As of this writing, the economic choice India faces is essentially between Tattonement or Lebensraum.
The Indian National Congress has historically been the proponent of Tattonement.
The Bharatiya Janta Party has historically been the proponent of Lebensraum.
Now is the time for India to make a choice.

The End

Reasonable cause using cosine similarity in political science

Soumadeep Ghosh

Kolkata, India

Abstract

In this paper, I describe reasonable cause using cosine similarity in political science.
The paper ends with "The End"

Introduction

Reasonable cause is the primary weapon of both investigators and lawyers.
In this paper, I describe reasonable cause using cosine similarity in political science.

Cosine similarity

Cosine similarity between two equally-sized vectors a , b is defined as

$$\cos \theta = \frac{a \cdot b}{|a||b|}$$

Cosine similarity in political science

Use of cosine similarity in political science is the comparison of a trend series about a politician and a trend series about a political term.

Reasonable cause using cosine similarity in political science

Whenever the cosine similarity in political science between a politician and a negative political term (like violence, criminal, victim, genocide etc.) exceeds $\frac{1}{2}$, there exists reasonable cause for investigators and lawyers.

The End

A small statistical solution to population

Soumadeep Ghosh

Kolkata, India

Abstract

In this paper, I describe a small statistical solution to population.
The paper ends with "The End"

Introduction

In this paper, I describe a small statistical solution to population.

A small statistical solution to population

$$p_1 = 3, p_2 = 3, \mu = 3, \sigma = 0$$

The End

Financially-useful sites

Soumadeep Ghosh

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Abstract

In this paper, I list 5 financially-useful sites on the Internet specific to the fields of economics, finance and hedging. The paper ends with "The End."

Introduction

There exist financially-useful sites on the Internet specific to the fields of economics, finance and hedging. In this paper, I list 5 such sites.

5 financially-useful sites

1. Economics: <https://economictimes.indiatimes.com>
2. Economics: <https://www.economist.com>
3. Finance: <https://www.ft.com>
4. Finance: <https://www.wsj.com>
5. Hedging: <https://www.zerohedge.com>

The End

Politically-useful sites

Soumadeep Ghosh

Kolkata, India

Abstract

In this paper, I list 3 politically-useful sites on the Internet specific to the field of politics. The paper ends with "The End."

Introduction

There exist politically-useful sites on the Internet specific to the field of politics. In this paper, I list 3 such sites.

3 politically-useful sites

1. India: <https://timesofindia.indiatimes.com/politics/>
2. United Kingdom: <https://www.politics.co.uk>
3. United States of America: <https://www.washingtonpost.com/politics/>

The End