Uniting 4 nations is possible through their real interest rates

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Abstract

In this paper, I describe how uniting 4 nations is possible through their real interest rates.
The paper ends with "The End"

Uniting 4 nations is possible through their real interest rates

The system

$$x(x,y,z,t) = ax^2 + bx + cy^2 + dy + ez^2 + fz + gt^2 + ht + i$$

$$y(x,y,z,t) = jx^2 + kx + ly^2 + my + nz^2 + oz + pt^2 + qt + r$$

$$z(x,y,z,t) = \alpha x^2 + \beta x + \chi y^2 + \delta y + \epsilon z^2 + \phi z + \gamma t^2 + \eta t + \iota$$

$$t(x,y,z,t) = \varphi x^2 + \kappa x + \lambda y^2 + \mu y + \nu z^2 + \omega z + \theta t^2 + \rho t + \sigma$$

$$x = y = z = t$$

$$x(x,y,z,t) = y(x,y,z,t) = z(x,y,z,t) = t(x,y,z,t)$$

$$a\alpha j\varphi \neq 0$$

$$0 < x < \frac{1}{100}$$

where

$a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, \alpha, \beta, \chi, \delta, \epsilon, \phi, \gamma, \eta, \iota, \varphi, \kappa, \lambda, \mu, \nu, \omega, \theta, \rho, \sigma$ are real coefficients

has the solution

$$a = \frac{1}{100}, b = 0, c = \frac{3}{200}, d = \frac{7}{500}, e = \frac{3}{250}, f = -\frac{1}{500}, g = \frac{11}{1000}, h = \frac{1}{200}, i = \frac{35529}{40000000}$$

$$j = -\frac{3}{1000}, k = \frac{11}{1000}, l = -\frac{1}{125}, m = -\frac{1}{500}, n = 0, o = -\frac{1}{125}, p = \frac{1}{200}, q = 0, r = \frac{38783}{40000000}$$

$$\alpha = \frac{7}{500}, \beta = \frac{1}{500}, \chi = \frac{3}{250}, \delta = \frac{11}{1000}, \epsilon = \frac{7}{500}, \phi = \frac{1}{500}, \gamma = -\frac{1}{250}, \eta = \frac{1}{200}, \iota = \frac{34941}{40000000}$$

$$\varphi = -\frac{1}{125}, \kappa = \frac{1}{500}, \lambda = -\frac{1}{200}, \mu = -\frac{7}{1000}, \nu = -\frac{11}{1000}, \omega = -\frac{3}{1000}, \theta = \frac{1}{1000}, \rho = \frac{3}{1000}, \sigma = \frac{1}{1000}$$

$$x = \frac{1}{200}, y = \frac{1}{200}, z = \frac{1}{200}, t = \frac{1}{200}$$

Uniting 4 nations is possible using this solution to the system.

The End