A solution to the special interaction of three masses

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Abstract

In this paper, I describe a solution to the special interaction of three masses.
The paper ends with "The End"

Introduction

In this paper, I describe a solution to the special interaction of three masses.

The special interaction of three masses

The special interaction of three masses is:

$$\frac{\partial M(t)}{\partial t} = X(t) + a(t)M(t) + d(t)m(t) + g(t)\mu(t)$$

$$\frac{\partial m(t)}{\partial t} = x(t) + b(t)M(t) + e(t)m(t) + h(t)\mu(t)$$

$$\frac{\partial \mu(t)}{\partial t} = \xi(t) + c(t)M(t) + f(t)m(t) + i(t)\mu(t)$$

1

A solution to the special interaction of three masses

$$M(t) = \frac{d(t)h(t)\xi(t) - d(t)i(t)x(t) - e(t)g(t)\xi(t) + e(t)i(t)X(t) + f(t)g(t)x(t) - f(t)h(t)X(t)}{a(t)f(t)h(t) - a(t)e(t)i(t) + b(t)d(t)i(t) - b(t)f(t)g(t) + c(t)e(t)g(t) - c(t)d(t)h(t)}$$

$$m(t) = \frac{a(t)i(t)x(t) - a(t)h(t)\xi(t) + b(t)g(t)\xi(t) - b(t)i(t)X(t) + c(t)h(t)X(t) - c(t)g(t)x(t)}{a(t)f(t)h(t) - a(t)e(t)i(t) + b(t)d(t)i(t) - b(t)f(t)g(t) + c(t)e(t)g(t) - c(t)d(t)h(t)}$$

$$\mu(t) = \frac{a(t)e(t)\xi(t) - a(t)f(t)x(t) - b(t)d(t)\xi(t) + b(t)f(t)X(t) + c(t)d(t)x(t) - c(t)e(t)X(t)}{a(t)f(t)h(t) - a(t)e(t)i(t) + b(t)d(t)i(t) - b(t)f(t)g(t) + c(t)e(t)g(t) - c(t)d(t)h(t)}$$

The End