

# Method for providing error information relating to inconsistencies in a system of differential equations

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## **Abstract**

The method and the computer-related products provide for error information relating to inconsistencies in a system of differential equations that describes a technical system or a technical process. Patent US 7490026.

## **Cross-Reference to Related Application**

This application is a continuation of copending International Application No. PCT/DE02/01878, filed May 23, 2002, which designated the United States and which was not published in English.

## **Background of the Invention**

### **Field of the Invention:**

The invention relates to a method for providing error information relating to inconsistencies in a system of differential equations.

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## **Summary of the Invention**

It is accordingly an object of the invention to provide a method for providing error information relating to inconsistencies in a system of differential equations which overcomes the above-mentioned disadvantages of the heretoforeknown devices and methods of this general type. With the foregoing and

other objects in view there is provided, in accordance with the invention, a method for predicting the behavior of a technical System starting from prescribed System properties, boundary conditions, and/or starting from prescribed influences on the System.

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## References

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