

Kamke differential equations solved in Maple and Mathematica

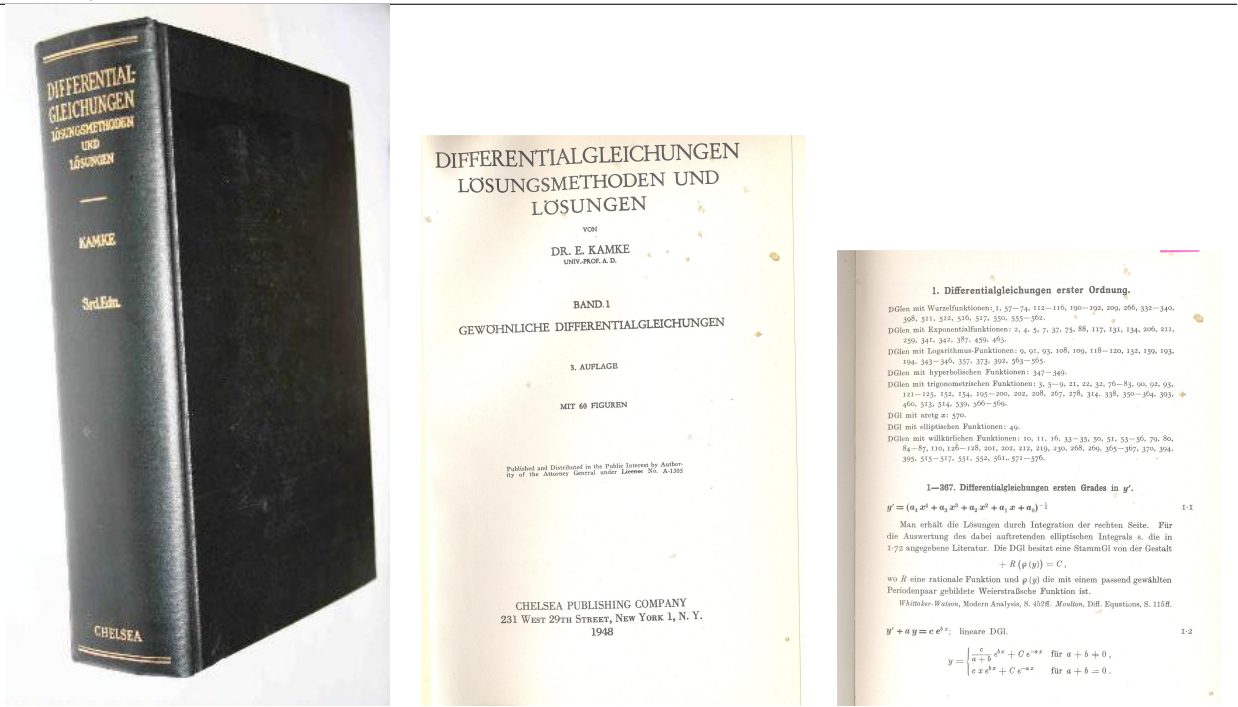
Nasser M. Abbasi

August 10, 2016 compiled on — Wednesday August 10, 2016 at 02:40 AM

1. Mathematica **11** and Maple **2016.1** HTML
2. Mathematica **10.4** and Maple **2016.1** HTML
3. Mathematica **10.3.1** and Maple **2015.2** HTML
4. Mathematica **10.0** and Maple **18.01**. The first 70 differential equations are also implemented in sage 6.2. HTML
5. HTML. Using Mathematica 9.01 and Maple 17. Not completed and kept for reference.

Introduction

On August 15, 2007 I received a copy I ordered from Amazon of the book "Differential Gleichungen" by Kamke, 3rd edition.



downloads

1. `mathematica_listing.txt` Current listing of Kamke differential equations in Mathematica syntax in plain text format.
2. `maple_listing.txt` Current listing of Kamke differential equations in Maple syntax in plain text format.
3. `sage_script.sage` Sage script used. Run as follows `sage sage_script.sage`