Oops! Difficult though it may be to believe, there was a math error in the last issue. The Editors allow themselves ten mistakes a year, but we exceeded the limit for 1993. Here is the latest error, as noted by Professor Fath El-Den: The last integral in the second column of page 3 of the Summer-Fall 1993 issue of CODEE should be an indefinite integral with a constant of integration C.

Send us any typos and mistakes that you uncover. We won't publish them all (that would be far too humiliating for us!), but we will correct any that might cause misunderstanding.

Authors

- Boyd Cardon, Ricks College, Rexburg, ID 83460
- Gene Enneking, Portland State University, Portland, OR 97207-0751: gene@math.mth.pox.edu
- James Fink, Gettysburg College, Gettysburg, PA 17325: jfink@gettysburg.edu
- James H. Freeman, Cornell College, Mount Vernon, IA 52314: freeman@cornell-iowa.edu
- Charles Hampton, The College of Wooster, Wooster, OH 44691: hampton@acs.wooster.edu
- Wei-Jen Harrison, American River College, Sacramento, CA 95841
- Lisa Holden, Kalamazoo College, Kalamazoo, MI 49006: lholden@kzoo.edu
- Jon Johnson, Elmhurst College, Elmhurst, IL 60126: jonj@elmhurst.edu
- Stephen Kennedy, St. Olaf College, Northfield, MN 55057: kennedy@stolaf.edu
- Jeffrey Palmer, Dakota State University, Madison, SD 57042: palmer@sdnet.bitnet
- Fred Wilke, University of Missouri, St. Louis MO 63121: wilke@arch.umsl.edu

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Consortium for Ordinary Differential Equations Experiments

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In This Issue

The goal of the ODE Consortium, which is composed of faculty associated with each of the seven sponsoring institutions, is to distribute information on the design and use of interactive computer experiments in courses involving ODEs. The Consortium is funded by the NSF through the Division of Undergraduate Education and sponsors summer faculty workshops towards this goal. Many of the items in C•ODE•E are based upon work supported by the National Science Foundation under Grant No. DUE-9154300. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the authors and do not necessarily reflect the views of the National Science Foundation.

C•ODE•E
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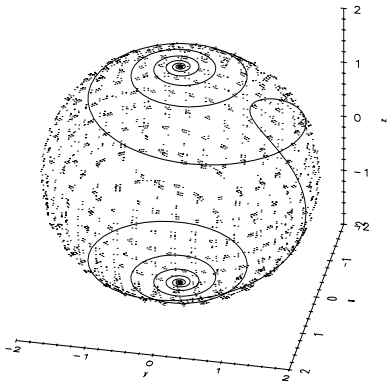

on the cover

A smooth surface is an **integral surface** for a system of ODEs if it is a union of orbits. The cover graph shows the integral surface $x^2 + y^2 + z^2 = 4$ for the system, $x' = xz - 10yz$, $y' = 10xz + yz$, $z' = -x^2 - y^2$, and an orbit that spirals from the 'north' pole down to the 'south' pole. In this case, every sphere $x^2 + y^2 + z^2 = C$ is an integral surface because $xx' + yy' + zz'$ vanishes.

The editors of **C·ODE·E** invite you to send in your favorite graphs of dynamical systems for use in future issues. Your art could be on the next cover of **C·ODE·E** !