

Report Information				
Award Type	Award Number	Prime DUNS	Calendar Year / Quarter	Final Report
Grant	0905818	066470972	2011 / 2	No

Award Recipient Information	
Recipient DUNS Number 066470972	Recipient Address 1 107 SAMFORD HALL
Recipient Account Number 219041	Recipient Address 2
Recipient Congressional District 02	Recipient City AUBURN
Parent DUNS Number 066470972	Recipient State AL
Recipient Type 2U.G6.M8.OH.VW	Recipient ZIP Code + 4 368490001
Recipient Legal Name AUBURN UNIVERSITY	Recipient Country USA
Recipient DBA Name	

Project / Award Information	
Funding Agency Code 4900	Total Number of Sub Awards less than \$25,000/award 0
Awarding Agency Code 4900	Total Amount Sub Awards less than \$25,000/award 0.00
Program Source (TAS) Code 49-0101	Total Number of Sub Awards to Individuals 0
Sub Account Number for Program Source	Total Amount of Sub Awards to Individuals 0.00
CFDA Number 47.082	Total Number of Payments to Vendors less than \$25,000/award 2
Amount of Award 116653.00	Total Amount of Payments to Vendors less than \$25,000/award 253.55
Award Date 08/17/2009	
Award Description The proposed research is divided into five parts: (1) Investigate Hausdorff dimension of minimal sets of known counterexamples to the Modified Seifert Conjecture; (2) Investigate periodic orbits and periodic points in neighborhoods of planar adding machines and in neighborhoods of solenoids in the three-dimensional Euclidean space; (3) Prove a special case of the Bounded Total Curvature Conjecture; (4) Study pseudo-solenoids; and (5) Study fixed points in a continuum invariant under an orientation reversing homeomorphism of the plane. Basically, the purpose of this project is research in topology, geometry and dynamics. The results will be publications, conference and colloquium lectures, and conference organizing. Another purpose is to educate graduate students	

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and lead their research.

Project Information

Project Name or Project/ Program Title	Activity Codes (NAICS or NTEE-NPC) (up to 10)
<p>Topical Solutions</p> <p>Quarterly Activities/ Project Description The activities include: publications in print, publications in preparation, several plenary conference lectures, several special session invited talks at topology/dynamics conferences, several colloquium talks, organizing three special sessions at topology conferences; organizing an American Mathematical Society special session at the Joint Mathematics Meetings in New Orleans, Jan 2011.</p>	<p>Activity Code 1 B43 - NTEE</p> <p>Activity Code 2</p> <p>Activity Code 3</p> <p>Activity Code 4</p> <p>Activity Code 5</p> <p>Activity Code 6</p> <p>Activity Code 7</p> <p>Activity Code 8</p> <p>Activity Code 9</p> <p>Activity Code 10</p>
<p>Project Status Completed 50% or more</p> <p>Total Federal Amount ARRA Funds Received/ Invoiced 78854.24</p> <p>Number of Jobs 0.33</p> <p>Description of Jobs Created Faculty</p> <p>Total Federal Amount of ARRA Expenditure 87442.68</p> <p>Total Federal ARRA Infrastructure Expenditure 0.00</p>	

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Infrastructure Purpose and Rationale

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Infrastructure Contact

Name	Street Address 1
Email	Street Address 2
Phone	Street Address 3
Ext	City
	State
	ZIP Code + 4

Primary Place of Performance

Address 1	Department of Mathematics and Statistics
Address 2	221 Parker Hall
City	Auburn University
Country Code	US
State	AL
ZIP Code + 4	36849 - 0001
Congressional District	02

Recipient Highly Compensated Officers

Prime Recipient Indication of Reporting Applicability	No	Officer 3 Name
Officer 1 Name		Officer 3 Compensation
Officer 1 Compensation		Officer 4 Name
Officer 2 Name		Officer 4 Compensation
Officer 2 Compensation		Officer 5 Name
		Officer 5 Compensation

Report Audit Trail

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