

STEM Society Meeting, November 12, 2013

James Emery

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Contents

1	About the STEM Society and the STEM Society Website	1
2	The November Meeting Announcement	2
3	James Emery, The Calculus of Variations	3
4	Rick Hines, A Review of the Work Done by Rick's Company Electroformed Stents, and some information about his Neurovascular Aneurysm Device	4

1 About the STEM Society and the STEM Society Website

STEM is an abbreviation for Science, Technology, Engineering and Mathematics. The acronym STEM is commonly associated with K-12 education, but our use of the term is only slightly bound to this meaning. There are over one hundred people on the mailing list, although a much smaller group attends any one meeting. We meet on the second Tuesday of each month at the Trailside Center at 99th and Holmes in Kansas City, Missouri. The meetings are open to all. The start time is 6PM. We make presentations, have discussions, and have demonstration experiments. These relate to Science, the History of Science, Mathematics, Engineering, Philosophy and Technology at all levels. The topics have ranged from a technical discussion of the

mathematics of General Relativity to scientific experiments for young students.

These meeting notes contain links to many other documents, which may be viewed or downloaded by clicking the link. A partial list of documents can be reached by clicking the heading **Documents**. The meeting notes may also be viewed in an archive file which is in the list of documents. Most of the documents are PDF files. They may be viewed or downloaded to the computer by clicking, provided Adobe Reader is present, or another program capable of reading PDF files. There are usually more documents available at the site than are listed under "Documents" because the documents.htm file is not necessarily kept up to date.

The web site is:

<http://www.stem2.org/>

Direct to the documents list:

<http://www.stem2.org/je/documents.htm>

Direct to the archive file:

<http://www.stem2.org/je/archive.pdf>

2 The November Meeting Announcement

The November meeting of the STEM Society will take place on the second Tuesday of the month, November 12, 2013, at the Trailside Center at 99th and Holmes in Kansas City, Missouri. The starting time is 6PM.

A List of Possible Topics are:

- (1) James Emery, The Calculus of Variations.
- (2) Rick Hynes will talk about his neurovascular aneurysm device with a short review of stents.
- (3) As always, we expect there may be impromptu topics, projects, shows-and-tells, new theorems, experiments, book reports, problems and solutions in mathematics, physics, engineering, biology, scientific biographies, and

such.

The STEM Society Website:

<http://www.stem2.org/>

3 James Emery, The Calculus of Variations

See the document:

<http://www.stem2.org/je/calculusofvariations.pdf>

Calculus of Variations Section Headings:

1	About the History of the Calculus of Variations.	2
2	The Simplest Problem	3
3	A Necessary Condition for an Extremum, Eulers's Differential Equation	8
4	The Multiple Variable Case	9
5	The Catenary	10
6	Example: A Catenary Solution for A Minimum Surface Problem.	10
7	Optics, Rays Take a Path of Minimum Time	13
8	Dispersion	13
9	Mechanics, The Principle of Least Action and Lagrange's Equations	13
10	Geodesics	14
11	Example: The Brachistochrone, the Curve of Minimum Descent Time	14

12 The Finite Element Method	14
13 Plateau’s Problem, Minimal Surfaces	15
14 Emmy Noether’s Theorem.	15
15 Problems	15
15.1 Coupled Oscillators Solved Using the Lagrangian	15
16 Dirichlet’s Principle	16
17 Bibliography	16
18 Appendix A, Uniform Convergence and Differentiating Under the Integral Sign	18

4 Rick Hines, A Review of the Work Done by Rick’s Company Electroformed Stents, and some information about his Neurovascular Aneurysm Device

For more information see Rick’s Website: estents.com. Rick also made a presentation back in August 2007. See the STEM Society archive file:

www.stem2.org/je/archive.pdf