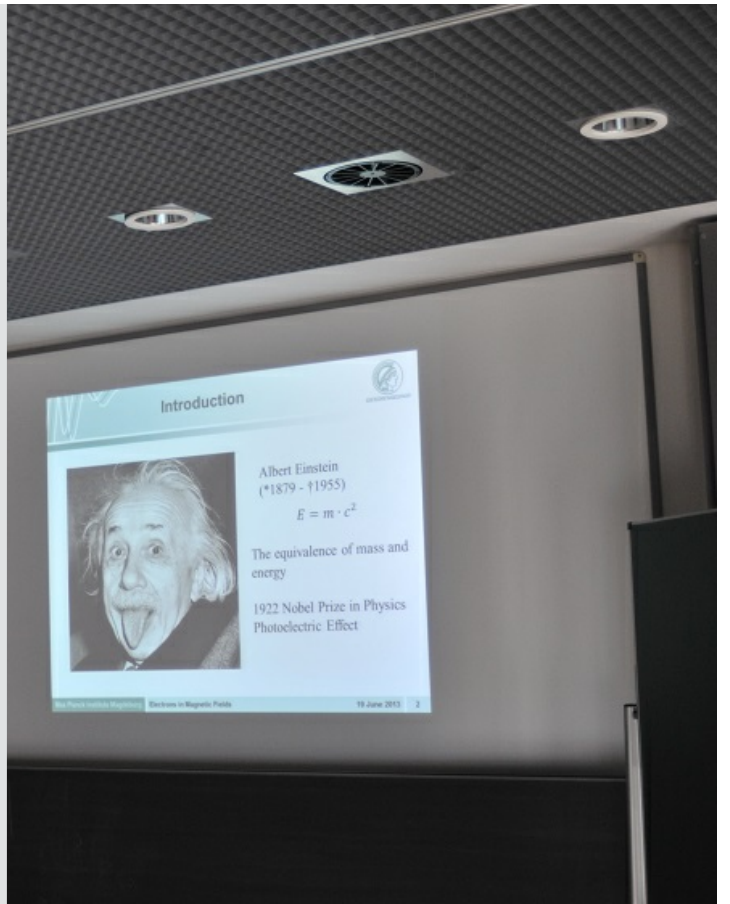


STUDENT CHAPTER OF SIAM MAGDEBURG

pters of SIAM Magdeburg wurde vom Max-Planck-Institut
hiedene interessante Vorträge von eingeladenen Gästen sowie lokal
ner Besuch eines Magdeburger Pubs statt.

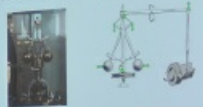






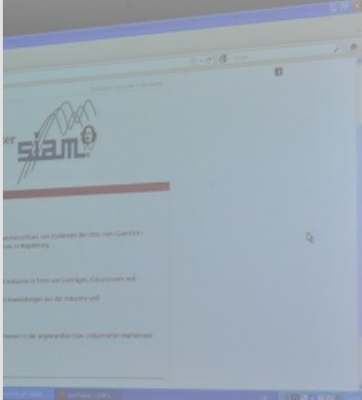
Classical control technique

James Watt's centrifugal governor for steam engines
The element uses centrifugal force to control revolution speed
An example of an extremely successful control concept
~ 75000 copies in England alone



Engineers started to look systematically into theory of control

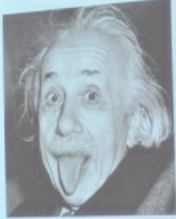
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The screenshot shows the homepage of the Society for Industrial and Applied Mathematics (SIAM). The logo features a stylized 'S' and 'I' with a gear-like element. Below the logo, there is a navigation menu with options like 'Home', 'About SIAM', 'Membership', 'Publications', 'Education', and 'Contact Us'. The main content area contains introductory text about the society's focus on applied mathematics and its commitment to education and research.



Introduction



Albert Einstein
(*1879 - †1955)
 $E = m \cdot c^2$
The equivalence of mass and energy
1922 Nobel Prize in Physics
Photoelectric Effect

But Physics needs Mathematics Electrons in Magnetic Fields 18 June 2013 3

Motivation

But without pain, PLEASE!!!



Abbildung: AAAARRRRRRGGGGGHHHH!!!!

Simon Entschlupf Math in CT



rigogine V0.05.2+3

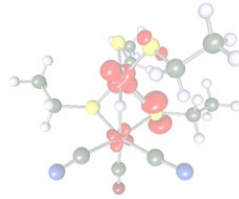
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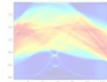
relativistic effects for electrons

ems



time dependent processes

generation of system matrices from
time flow functions



8 – 13:00

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eburg

ovgu.de



across Scales

ctrons in magnetic fields

computer tomography using discrete

Aktuelles ▶

15.02.2024

Seminar Prof. Dr.-Ing. Daniel Juhre

06.11.2023

Nerd Nite 2023

22.09.2023

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