

Introduction to Plack Stars

Alejandro Hernández A.

Universidad de los Andes, Bogotá, Colombia

November 6, 2015

- 1 ¿Qué es el circuito de Chua?
 - Introduction
 - Metrics of General Relativity
- 2 Quantum Field Theory
 - Newtonian Potential
- 3 Regularization of Schwarchild Metric
 - Plack Stars

Definición del circuito de Chua

Circuito de Chua

Circuito electrónico simple que exhibe un comportamiento caótico, es decir, produce una forma ondulatoria que nunca se repite.

Ecuaciones de Lorentz

$$\frac{dx}{dt} = \sigma (y - x)$$

$$\frac{dy}{dt} = x (\rho - z) - y$$

$$\frac{dz}{dt} = xy - \beta z$$

Example (PONER CÓDIGO AQUÍ)

```
\begin{frame}  
\frametitle{Theorem}  
\begin{theorem}[Mass--energy equivalence]  
$E = mc^2$  
\end{theorem}  
\end{frame}
```

Theorem (Mass–energy equivalence)

$$E = mc^2$$

Figure

Uncomment the code on this slide to include your own image from the same directory as the template .TeX file.

An example of the `\cite` command to cite within the presentation:

This statement requires citation [Smith, 2012].



John Smith (2012)

Title of the publication

Journal Name 12(3), 45 – 678.

The End