

Memristors

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The Citadel
ELEC-424

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Outline

Introduction

- What is it?

- How does it work?

Applications

- Non-Volatile Memory

- Logic

- Learning Circuits

Make Titles Informative. Use Uppercase Letters.

Subtitles are optional.

- ▶ Use `itemize` a lot.
- ▶ Use very short sentences or short phrases.

Make Titles Informative.

You can create overlays. . .

- ▶ using the `pause` command:
 - ▶ First item.
 - ▶ Second item.
- ▶ using overlay specifications:
 - ▶ First item.
 - ▶ Second item.
- ▶ using the general `uncover` command:
 - ▶ First item.
 - ▶ Second item.

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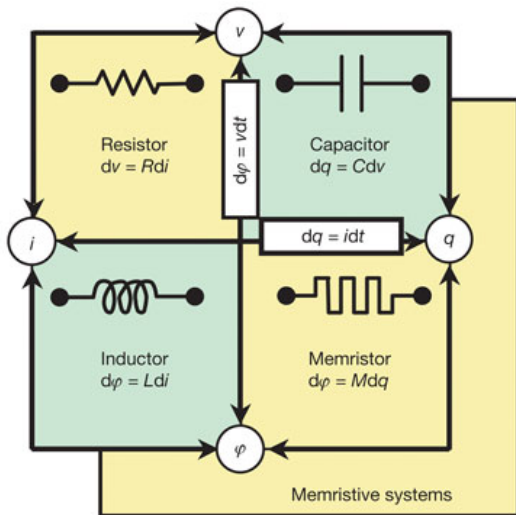
You can create overlays. . .

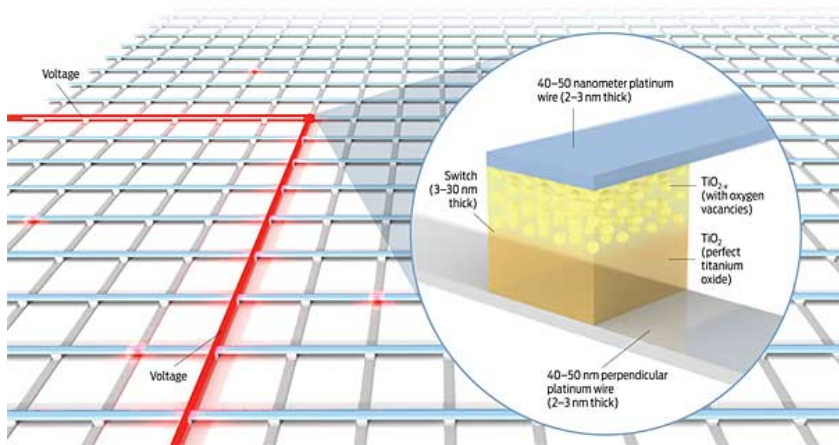
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Non-Volatile Memory

Logic

Table: IMPLY

P	Q	$P \Rightarrow Q$
1	1	1
1	0	0
0	1	1
0	0	1

Learning Circuits

Summary

- ▶ The **first main message** of your talk in one or two lines.
 - ▶ The **second main message** of your talk in one or two lines.
 - ▶ Perhaps a **third message**, but not more than that.
-
- ▶ Outlook
 - ▶ Something you haven't solved.
 - ▶ Something else you haven't solved.