

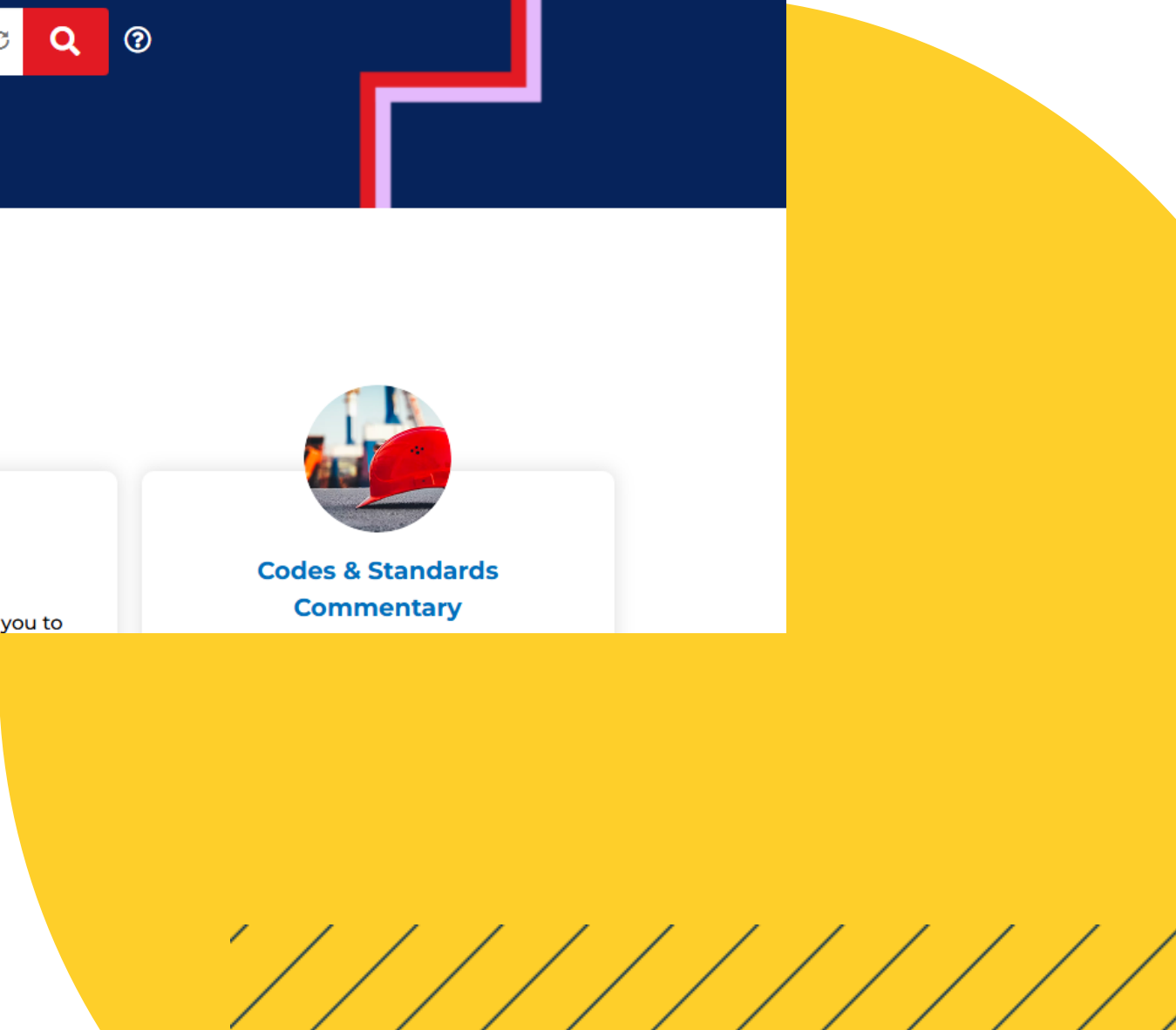


MANUAL DE USO



Universidad
Rafael Landívar
Identidad Jesuita en Guatemala

CRAI
BIBLIOTECA
CENTRO DE RECURSOS PARA EL APRENDIZAJE,
LA INVESTIGACIÓN Y LA INTEGRACIÓN



Búsqueda básica

Barra de búsqueda básica

Filtros para refinar búsqueda según necesidad del usuario

Resultados de la búsqueda realizada

The screenshot displays the McGraw Hill Access Engineering website. At the top, the logo and navigation links (About, Administration, Help, What's New) are visible, along with the text 'Access via UNIVERSIDAD RAFAEL LANDIVAR' and a 'My account' button. The main search bar is highlighted with a yellow arrow, showing the placeholder text 'Search for any subject, author, or key word...'. Below the search bar, there are tabs for 'All', 'Books', 'Videos', 'Spreadsheets', 'Case Studies', 'DataVis', and 'Solution Walkthroughs'. The 'All' tab is selected. Below the search bar, there is a section for 'Results for network analysis sorted by relevancy' and a 'Related Search Suggestions' link. On the left side, there is a sidebar with 'Apply Filters' and several filter categories: Subject, Industry, Courses, Equations, Codes & Standards, and Book Type. The main content area shows the search results, including a list of items with a 'Grouped by Book (423)' toggle. The first result is 'Handbook of Electric Power Calculations, 4th Edition' by H. Wayne Beaty and Surya Santoso, Ph.D. The result is displayed with a book cover and a list of sections, including '1. Section 1: Basic Network Analysis'.

McGraw Hill Access Engineering

About Administration Help What's New

Access via UNIVERSIDAD RAFAEL LANDIVAR My account

All Books Videos Spreadsheets Case Studies DataVis Solution Walkthroughs

Search for any subject, author, or key word...

Or Browse Content by

Results for **network analysis** sorted by **relevancy**

[Related Search Suggestions](#)

Save Search

Apply Filters

- Subject
- Industry
- Courses
- Equations
- Codes & Standards
- Book Type

All (6,299) Book Content (6,219) Videos (75) Spreadsheets (4) Case Studies (1) DataVis (0)

Showing 6299 Content Items

Grouped by Book (423)

Items per page: 10 25

Include only:

- Full Books (3)
- Chapters (3,653)
- Solution Walkthroughs (12)
- Figures (1,504)
- Graphs (122)
- Tables (369)
- Examples (556)

1. Handbook of Electric Power Calculations, 4th Edition
H. Wayne Beaty, Surya Santoso, Ph.D. | 2015

Handbook of Electric Power Calculations
Fourth Edition

Most Relevant Chapter

1. Section 1: Basic Network Analysis

Al hacer clic en un texto electrónico de interés genera información importante

Herramientas de lectura

Secciones del capítulo

Capítulo en línea

Table of Contents

Spreadsheets

Figures (38)

Tables (2)

Handbook of Electric Power Calculations, 4th Edition
H. Wayne Beaty, +1 more

< Other Electrical Power Engineering Books of Inter...

2 Section 2: Instrumentation >

1 Section 1: Basic Network Analysis

1.1 Series-Parallel DC Network Analysis

1.2 Branch-Current Analysis of a DC Network

1.3 Mesh Analysis of a DC Network

1.4 Nodal Analysis of a DC Network

1.5 DC Network Solution Using Superposition Theorem

1.6 DC Network Solution Using Thevenin's Theorem

1.7 DC Network Solution Using Norton's Theorem

1.8 Balanced DC Bridge Network

TOPICS RELATED TO THIS CHAPTER

[AC circuit analysis](#) | [DC circuit analysis](#) | [Direct current](#) | [Mesh analysis](#) | [Network analysis](#) | [Nodal analysis](#)

1. Section 1: Basic Network Analysis

1.1. Series-Parallel DC Network Analysis

Click [here](#) for the **Analysis of A.C. and D.C. Circuits - Basic Calculations** spreadsheet calculator.

A direct-current (DC) circuit (network) contains 19 resistors arranged as shown in [Fig. 1.1](#). Compute the current through and the voltage drop across each resistor in this circuit.

Figure 1.1 A series-parallel DC circuit to be analyzed.