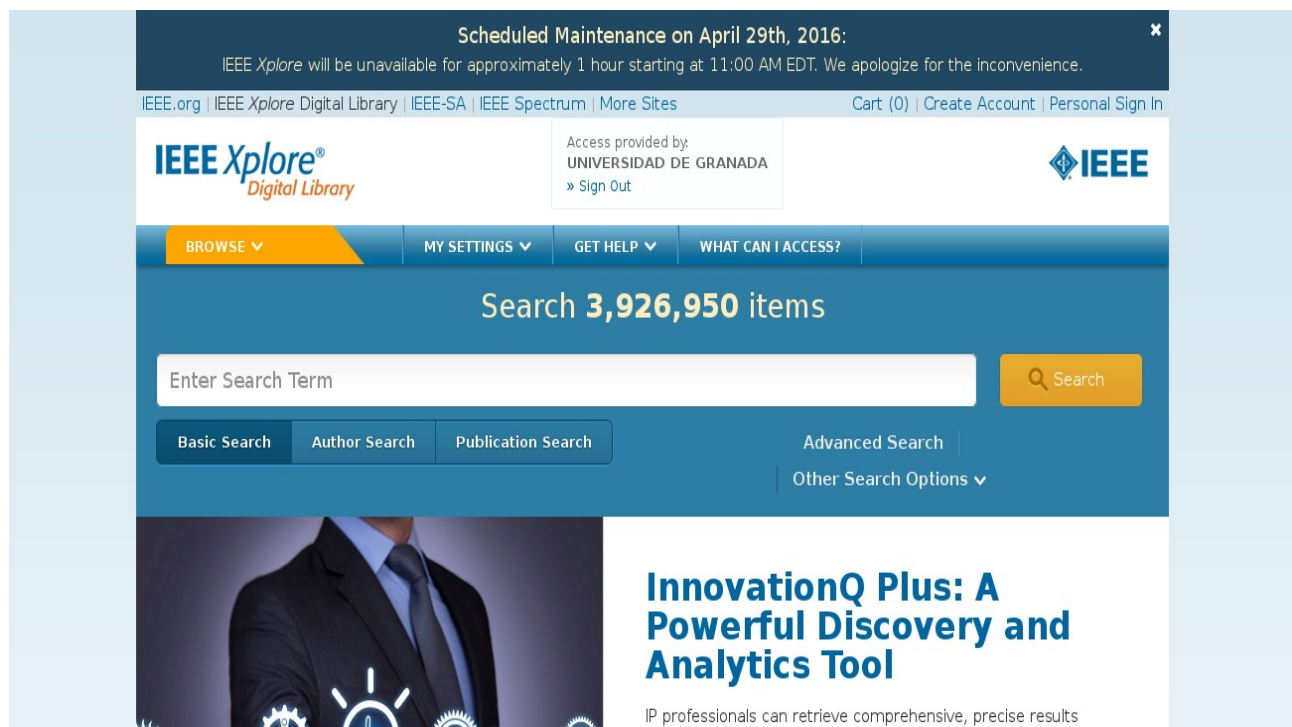


EJERCICIO TEMA 4

En la base de datos de IEEE, utilizando la opción de **búsqueda avanzada** (advanced search), realiza la búsqueda siguiente:

¿Cuántos artículos de revistas (journals and magazines), ha publicado el autor F. Herrera desde 2010 a la actualidad y que contengan en el abstract la frase "fuzzy sets"?

Entramos en el portal web de IEEE Xplore Digital Library en la siguiente url <http://ieeexplore.ieee.org/Xplore/home.jsp>



Scheduled Maintenance on April 29th, 2016:
IEEE Xplore will be unavailable for approximately 1 hour starting at 11:00 AM EDT. We apologize for the inconvenience.

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Search **3,926,950** items

Enter Search Term

Search

Basic Search Author Search Publication Search

Advanced Search

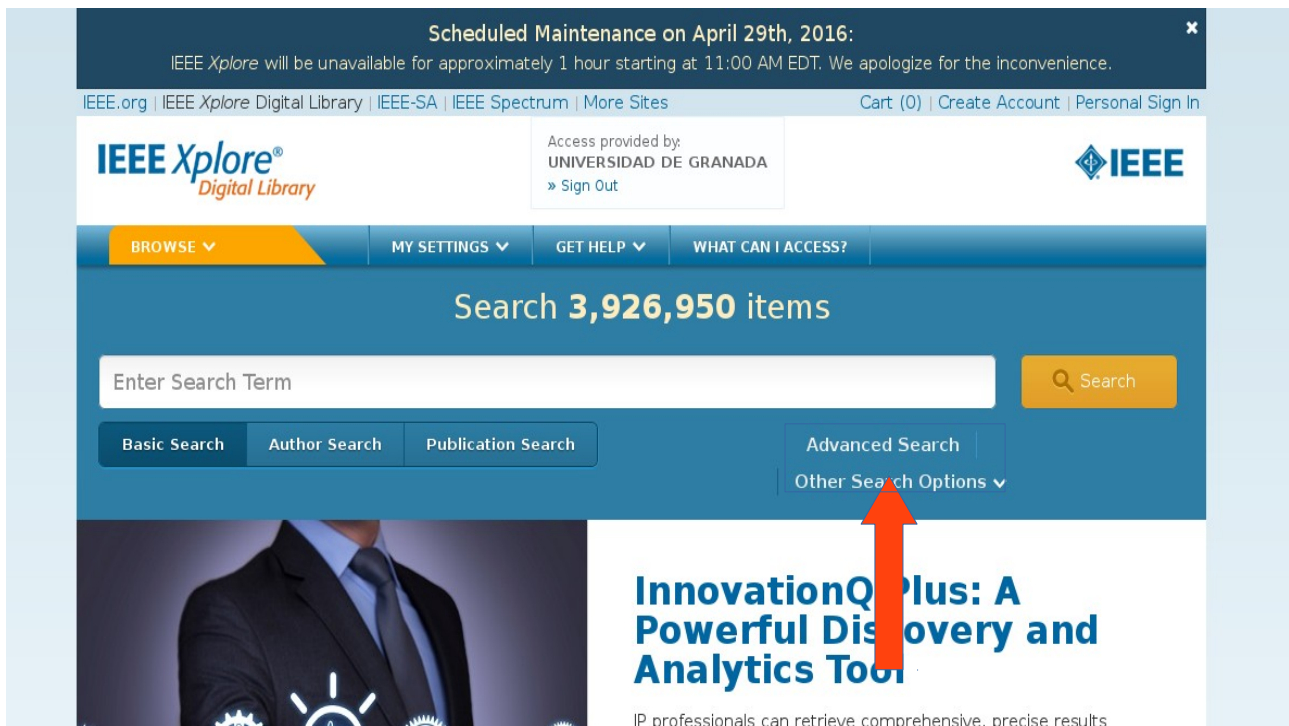
Other Search Options ▾

InnovationQ Plus: A Powerful Discovery and Analytics Tool

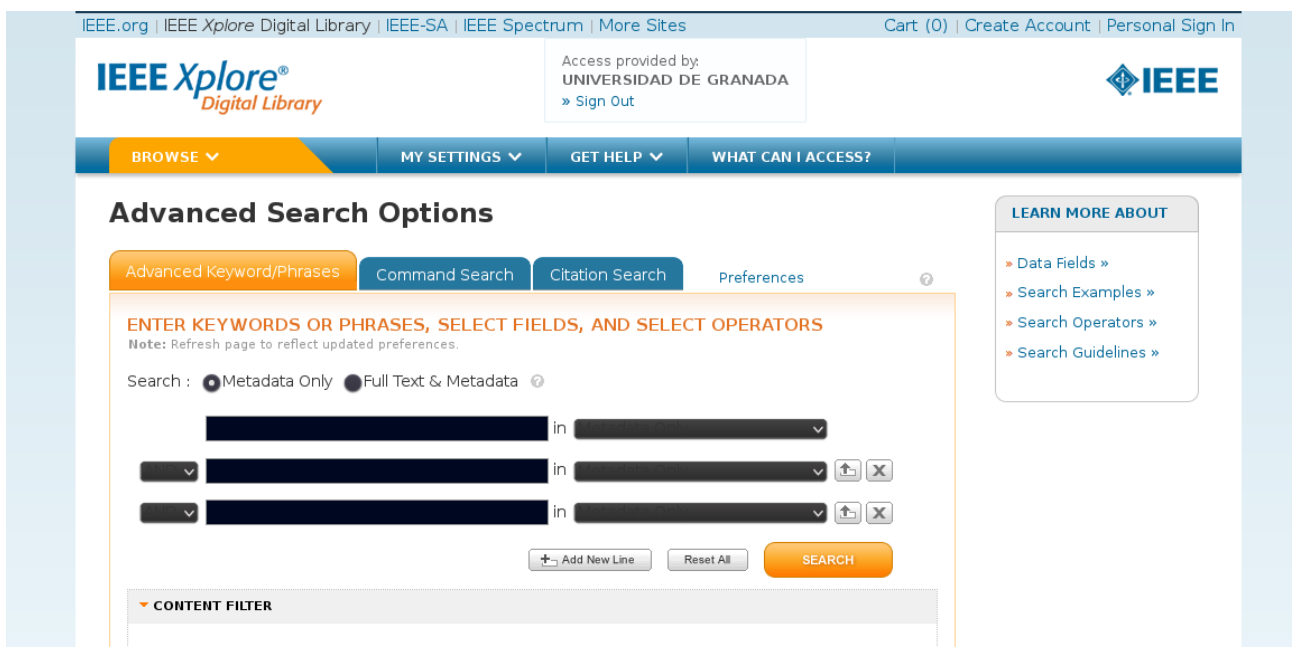
IP professionals can retrieve comprehensive, precise results

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Según el enunciado, buscamos en búsqueda avanzada (advanced Search):



Nos saldrá una interfaz como esta:



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Para indicar los parametros de busqueda indicamos en el primer campo "F. Herrera" con la opcion Metadata Only activada. En el menu desplegable de la derecha seleccionamos "Authors" y en el segundo campo, despues de "AND" escribimos "fuzzy sets" y seleccionamos "in Abstract".

Un poco mas abajo, en el apartado "Content types" seleccionamo "Journals & Magazines(1.105.700)" y en la siguiente seccion, "Publication Year" especificamos el rango de años en el apartado "Specify Year Range From 2010 to Present".

The screenshot displays a search interface with the following components:

- Navigation Tabs:** Advanced Keyword/Phrases (selected), Command Search, Citation Search, and Preferences.
- Search Header:** "ENTER KEYWORDS OR PHRASES, SELECT FIELDS, AND SELECT OPERATORS". A note indicates: "Note: Refresh page to reflect updated preferences."
- Search Type:** Radio buttons for "Metadata Only" (selected) and "Full Text & Metadata".
- Search Criteria:**
 - Field 1: "F. Herrera" in "Authors".
 - Field 2: "AND fuzzy sets" in "Abstract".
 - Field 3: "AND" in "Metadata Only".
- Buttons:** "Add New Line", "Reset All", and "SEARCH".
- CONTENT FILTER:** Radio buttons for "All Results" (selected), "My Subscribed Content", and "Open Access".
- PUBLISHER:** "Return Results from" section with a grid of publisher filters:

<input type="checkbox"/> IEEE(3,630,701)	<input type="checkbox"/> Alcatel-Lucent(6,313)
<input type="checkbox"/> IET(222,602)	<input type="checkbox"/> BIAI(2,882)
<input type="checkbox"/> SMPTE(24,497)	<input type="checkbox"/> TUP(2,418)
<input type="checkbox"/> MITP(73,119)	<input type="checkbox"/> Morgan & Claypool(704)
- CONTENT TYPES:** Grid of content type filters:

<input type="checkbox"/> Conference Publications (2,772,695)	<input type="checkbox"/> Early Access Articles (12,020)
<input checked="" type="checkbox"/> Journals & Magazines (1,105,700)	<input type="checkbox"/> Standards (7,373)
<input type="checkbox"/> Books & eBooks (28,702)	<input type="checkbox"/> Courses (427)
- PUBLICATION YEAR:** Radio buttons for "Search latest content update (04/25/2016)", "Specify Year Range" (selected), and "All Available Years". The "Specify Year Range" section shows "From: 2010" and "To: Present".
- Buttons:** "SEARCH" at the bottom right.

ANTONIO RODRÍGUEZ ALAMINOS

Pulsamos el botón "Search"(busqueda) y nos saldrán los resultados deseados. Como vemos en la siguiente imagen, hay 8 resultados.

The screenshot shows the IEEE search interface. At the top, there is a search bar with the text "Enter Search Term" and a yellow "Search" button. Below the search bar, there are tabs for "Basic Search", "Author Search", "Publication Search", "Advanced Search", and "Other Search Options". The search results are displayed below these tabs, showing "Displaying results 1-8 of 8 for ((\"Authors\":F. Herrera) AND \"Abstract\":fuzzy sets) and refined by Publisher: IEEE Content Type: Journals & Magazines Year: 2010-2017". There are filters for "Show" (All Results) and "Sort By" (Relevance). Below the filters, there are links for "Select All on Page", "Download Citations", "Export to IEEE Collabratec", "Set Search Alerts", and "Search History". On the left side, there is a "Refine results by" section with a search bar and a "Content Type" filter. The "Content Type" filter shows "Conference Publications (12)". The main search results list shows a single result: "A Fast and Scalable Multiobjective Genetic Fuzzy System for Linguistic Fuzzy Modeling in High-Dimensional Regression Problems" by Rafael Alcalá, María José Gacto, and Francisco Herrera, published in IEEE Transactions on Fuzzy Systems, Year: 2011, Volume: 19, Issue: 4, Pages: 666 - 681, DOI: 10.1109/TFUZZ.2011.2131657, Cited by: Papers (30), and IEEE Journals & Magazines.

Enter Search Term Search

Basic Search Author Search Publication Search Advanced Search Other Search Options

Displaying results 1-8 of 8 for ((**"Authors":F. Herrera**) AND **"Abstract":fuzzy sets**) and refined by
Publisher: IEEE Content Type: Journals & Magazines Year: 2010-2017

Show All Results Sort By Relevance

☐ Select All on Page [Download Citations](#) | [Export to IEEE Collabratec](#) | [Set Search Alerts](#) | [Search History](#)

Refine results by ?

Search within result Q

Content Type ^

☐ Conference Publications (12)

☐ **A Fast and Scalable Multiobjective Genetic Fuzzy System for Linguistic Fuzzy Modeling in High-Dimensional Regression Problems** 🔒
Rafael Alcalá; María José Gacto; Francisco Herrera
IEEE Transactions on Fuzzy Systems
Year: 2011, Volume: 19, Issue: 4
Pages: 666 - 681, DOI: 10.1109/TFUZZ.2011.2131657
Cited by: [Papers \(30\)](#)
IEEE Journals & Magazines