Abstract

In this paper we introduce the notion of anti Q-L-fuzzy ℓ-group, anti Q-L-fuzzy ℓ-ideals with values in a complete lattice L which is infinite meet distributive, and investigate some of its properties.

Reference

Some Characterisation of Anti Q-L-Fuzzy ℓ-Group

- Garrett Birkhof, Lattice Theory, American Mathematical Society Colloquium publications, Volume XXV.

Index Terms

Computer Science Fuzzy Systems
### Key words

<table>
<thead>
<tr>
<th>Fuzzy set</th>
<th>Q-fuzzy set</th>
</tr>
</thead>
<tbody>
<tr>
<td>L-fuzzy sub $\ell$-group</td>
<td>anti $\ell$-ideal</td>
</tr>
<tr>
<td>anti Q-L-fuzzy sub $\ell$-group</td>
<td></td>
</tr>
<tr>
<td>anti Q-L-fuzzy $\ell$-ideal</td>
<td></td>
</tr>
</tbody>
</table>