

Rough Sets: Theory and Applications

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DESCRIPTION OF THE TOPIC OF THE SESSION:

Rough set theory, originated by Z. Pawlak in 1982, is a formal mathematical theory modeling knowledge in terms of equivalence relations. The main advantage of rough set theory is that it does not need any preliminary or additional information about data (like probability in probability theory, grade of membership in fuzzy set theory, etc.). Rough set theory was applied in a number of areas, mostly in data mining. In our session we anticipate some theoretical papers and some papers describing the newest applications of rough set theory to data mining.