

Introduction to Information Systems

Mehrdad Maleki

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Abstract

Information systems are another approach to domain theory which was introduced by Dana Scott in 1982. Information systems give information about possible elements of domains by means of some kind of logical systems. Although Scott shows that information systems and algebraic domains are equivalent, so it seems information systems give no new information about domains, however the former approach is more constructive. In this talk we will introduce information systems and show information systems are a kind of observable properties of domains. At the end application of information systems in Computer Science will be introduced

1st term of 94-95/ Fall 2015,
Department of Mathematics,
Tuesday, 3-4 pm