

## ПРИРОДНО - МАТЕМАТИЧКИ ФАКУЛТЕТ ниш

## **KEY WORDS DOCUMENTATION**

Accession number, AN	<b>O</b> :	
Identification number, <b>INO</b> :		
Document type, <b>DT</b> :		monograph
Type of record, TR:		textual / graphic
Contents code, CC:		university degree thesis
Author, <b>AU</b> :		Ivan Stošić
Mentor, MN:		Marko Petković
Title, <b>TI</b> :		String search algorithms
Language of text, <b>LT</b> :		Serbian
Language of abstract, <b>LA</b> :		English
Country of publication, CP:		Republic of Serbia
Locality of publication, LP:		Serbia Serbia
Publication year, <b>PY</b> :		2019
Publisher, <b>PB</b> :		author's reprint
Publication place, <b>PP</b> :		Niš, Višegradska 33.
Physical description, PD: (chapters/pages/ref./tables/pictures/graphs/appendixes)		79 p. ; graphic representations
Scientific field, <b>SF</b> :		Computer science
Scientific discipline, <b>SD</b> :		Data structures and algorithms
Subject/Key words, <b>S/KW</b> :		Strings, data structures
uc		004.421 004.424.62
Holding data, <b>HD</b> :		library
Note, <b>N</b> :		
Abstract, <b>AB</b> :		The thesis describes several algorithms for finding appearances of one string in another, for determining the measure of similarity between strings, data structures for storing and searching string collections, as well as data structures that allow sublinear string search. Descriptions of hash functions used in string search are given, as well as algorithms that efficiently find all palindromic substrings of a given string.
Accepted by the Scientific Board on, ASB:		10.09.2019.
Defended on, <b>DE</b> :		<u> </u>
Defended Board, <b>DB</b> :	President:	
	Member:	
	Member, Mentor:	 