

A STUDY ON CONTRA g^* -CONTINUOUS FUNCTIONS IN TOPOLOGICAL SPACES

Dissertation submitted to
KONGUNADU ARTS AND SCIENCE COLLEGE
(Autonomous)
affiliated to the **BHARATHIAR UNIVERSITY**
in partial fulfilment of the requirements
for the award of the degree of

MASTER OF SCIENCE IN MATHEMATICS

By

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JUNE 2022

COMPARISON OF MUTUAL FUNDS WITH THE REST OF THE OTHER INVESTMENT AVENUES

Dissertation submitted to

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MASTER OF SCIENCE IN MATHEMATICS

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JUNE 2022

A STUDY ON ACYCLIC COLORING OF EXTENDED CORONA AND NEIGHBOURHOOD CORONA OF SOME GRAPHS

Dissertation submitted to
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JUNE 2022

A STUDY ON $SG_{\omega\alpha}$ - REGULAR AND NORMAL SPACES IN TOPOLOGICAL SPACES

Dissertation submitted to

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JUNE 2022

**A STUDY ON gg -CLOSED SETS, gg -CONTINUOUS AND gg -
IRRESOLUTE MAPS IN TOPOLOGICAL SPACES**

Dissertation submitted to
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JUNE 2022

A STUDY ON MICRO GENERALIZED STAR CLOSED SETS IN MICRO TOPOLOGICAL SPACES

Dissertation submitted to

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JUNE 2022

**A STUDY ON GENERALIZED ω -CLOSED SETS IN
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JUNE 2022

A STUDY ON SOME PRODUCTS OF SINGLE VALUED NEUTROSOPHIC GRAPHS

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JUNE 2022

ON SOME PROPERTIES OF SUPRA TOPOLOGICAL SPACES

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JUNE 2022

**DETECTION OF HUMAN EYE USING IMAGE PROCESSING
ALGORITHM**

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JUNE 2022

**A STUDY ON VERTEX AND VERTEX EDGE PRIME
LABELING OF GRAPHS USING GAUSSIAN INTEGERS**

Dissertation submitted to

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JUNE 2022

**A STUDY ON DEGREE TOLERANT COLORING OF CORONA
PRODUCT OF SOME GRAPHS**

Dissertation submitted to
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JUNE 2022

**A STUDY ON EXISTENCE AND UNIQUENESS OF SOLUTIONS
FOR FRACTIONAL NEUTRAL VOLTERRA-FREDHOLM
INTEGRO DIFFERENTIAL EQUATIONS**

Dissertation submitted to

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JUNE 2022

TUMOR IDENTIFICATION FROM CT IMAGES USING MATLAB

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JUNE 2022

**A STUDY ON g^*b – CLOSED SETS IN
TOPOLOGICAL SPACES**

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***b*-CHROMATIC NUMBER OF CORONA GRAPHS AND
CENTRAL GRAPH OF SOME GRAPHS**

Dissertation submitted to

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JUNE 2022

**A STUDY ON #RG-CLOSED SETS, #RG-CONTINUOUS AND
#RG-IRRESOLUTE FUNCTIONS IN TOPOLOGICAL SPACES**

Dissertation submitted to

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JUNE 2022

A STUDY ON INTUITIONISTIC SUPRA GENERALIZED PRE REGULAR CLOSED SET

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JUNE 2022

**A STUDY ON MAGIC SIGMA COLORING AND MAGIC SIGMA
CHROMATIC NUMBER OF SOME GRAPHS**

Dissertation submitted to

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JUNE 2022

**A STUDY ON α^g – CLOSED SETS IN
TOPOLOGICAL SPACES**

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JUNE 2022

ON CONNECTEDNESS IN IDEAL TOPOLOGICAL SPACES

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JUNE 2022

A STUDY ON STAR COLORING OF MYCIELSKIAN GRAPH AND EXTENDED CORONA GRAPH OF SOME GRAPHS

Dissertation submitted to
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***b*-CHROMATIC NUMBER OF SUBDIVISION VERTEX CORONA
AND LINE GRAPH OF SOME GRAPHS**

Dissertation submitted to
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JUNE 2022

**A STUDY ON NONLINEAR INTEGRODIFFERENTIAL
EQUATIONS WITH TIME VARYING DELAY**

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JUNE 2022

**A STUDY ON INTUITIONISTIC SUPRA REGULAR
GENERALIZED CLOSED SET**

Dissertation submitted to
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JUNE 2022

A STUDY ON MICRO GENERALIZED STAR SEMI CLOSED SETS IN MICRO TOPOLOGICAL SPACES

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A STUDY ON BINARY SUPER CONTINUOUS FUNCTIONS

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**A STUDY ON STAR COLORING OF EXTENDED DUPLICATION
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JUNE 2022

**A STUDY ON SOBOLEV-TYPE VOLTERRA-FREDHOLM
FUNCTIONAL INTEGRODIFFERENTIAL EQUATION IN
BANACH SPACE**

Dissertation submitted to

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A STUDY ON SOFT GENERALISED CLOSED SET IN SOFT TOPOLOGICAL SPACE

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JUNE 2022

**A STUDY ON IMPULSIVE DELAY INTEGRO DIFFERENTIAL
EQUATIONS WITH INTEGRAL IMPULSES**

Dissertation submitted to

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JUNE 2022

A STUDY ON DEGREE TOLERANT COLORING OF CERTAIN PRODUCT FAMILY OF GRAPHS

Dissertation submitted to

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JUNE 2022

**A STUDY ON MICRO GENERALIZED STAR PRE CLOSED
SETS IN MICRO TOPOLOGICAL SPACES**

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KONGUNADU ARTS AND SCIENCE COLLEGE

(AUTONOMOUS)

affiliated to **Bharathiar University**

Re-accredited by NAAC with 'A+' Grade (4th cycle)

College of Excellence (UGC)

Coimbatore-641 029, Tamil Nadu, India

JUNE 2022

**MATHEMATICAL MODELING ON AIR TRAFFIC CONTROL
AND HEAT TRANSFER IN BIOLOGICAL TISSUE**

Dissertation submitted to

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

affiliated to **Bharathiar University**
in partial fulfilment of the requirements
for the award of the degree of

MASTER OF SCIENCE IN MATHEMATICS

By

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**A STUDY ON ACYCLIC COLORING OF EXTENDED
DUPLICATION OF CERTAIN GRAPH FAMILIES**

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A STUDY ON INTUITIONISTIC SUPRA GENERALIZED PRE CLOSED SET

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A STUDY ON SOFT β_c - CLOSED SETS IN SOFT TOPOLOGICAL SPACES

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