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MEMORANDUM

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Mathematics Memo Paper 1 November 2013

**Said Broumi, Assia Bakali, Mohamed
Talea, Florentin Smarandache**



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Neutrosophic Sets and Systems, Vol. V Florentin Smarandache, Mumtaz Ali, This book is a collection of nine papers contributed by different authors and co authors listed in the order of the papers A A Salama O M Khaled K M Mahfouz M Ali F Smarandache M Shabir L Vladareanu S Broumi K Mondal S Pramanik I Arockiarani I R Sumathi M Eisa and I Deli In first paper the authors studied Neutrosophic Correlation and Simple Linear Regression The Generalization of Neutrosophic Rings and Neutrosophic Fields is proposed in the second paper Cosine Similarity Measure of Interval Valued Neutrosophic Sets is studied in third paper In fourth paper A Study on Problems of Hijras in West Bengal Based on Neutrosophic Cognitive Maps is introduced Similarly in fifth paper Neutrosophic Crisp Set Theory is discussed In paper six Interval Valued Fuzzy Neutrosophic Soft Structure Spaces are presented by the authors Soft Neutrosophic Bi LA Semigroup and Soft Neutrosophic N LA Semigroup is given in seventh paper Introduction to Image Processing via Neutrosophic Technique is given in paper

eight In the last paper Neutrosophic Soft Multi Set Theory and Its Decision Making is presented by the authors

Neutrosophic Sets and Systems, vol. 5/2014 A. A. Salama, O. M. Khaled, K. M. Mahfouz, S. Broumi, F. Smarandache, K. Mondal, S. Praminik, M. Eisa, M. Ali, Neutrosophic Sets and Systems has been created for publications on advanced studies in neutrosophy neutrosophic set neutrosophic logic neutrosophic probability neutrosophic statistics that started in 1995 and their applications in any field such as the neutrosophic structures developed in algebra geometry topology etc **Formality**

of the Little $\mathbb{N}$ -disks Operad Pascal Lambrechts, Ismar Volić, 2014-06-05 The little disks operad along with its variants is an important tool in homotopy theory It is defined in terms of configurations of disjoint dimensional disks inside the standard unit disk in and it was initially conceived for detecting and understanding fold loop spaces Its many uses now stretch across a variety of disciplines including topology algebra and mathematical physics In this paper the authors develop the details of Kontsevich's proof of the formality of little disks operad over the field of real numbers More precisely one can consider the singular chains on as well as the singular homology of These two objects are operads in the category of chain complexes The formality then states that there is a zig zag of quasi isomorphisms connecting these two operads The formality also in some sense holds in the category of commutative differential graded algebras The authors additionally prove a relative version of the formality for the inclusion of the little disks operad in the little disks operad when *Topics in Domination in Graphs*

Teresa W. Haynes, Stephen T. Hedetniemi, Michael A. Henning, 2020-10-19 This volume comprises 16 contributions that present advanced topics in graph domination featuring open problems modern techniques and recent results The focus is on primary dominating sets such as paired domination connected domination restrained domination dominating functions Roman domination and power domination Additionally surveys include known results with a sample of proof techniques for each parameter Of extra benefit to the reader the first chapter includes a glossary of commonly used terms the second chapter provides an overview of models of domination from which the parameters are defined The book is intended to provide a reference for established researchers in the fields of domination and graph theory and graduate students who wish to gain knowledge of the topics covered as well as an overview of the major accomplishments in the field and proof techniques used

Descent Construction for GS_{Spin} Groups Joseph Hundley, Eitan Sayag, 2016-09-06 In this paper the authors provide an extension of the theory of descent of Ginzburg Rallis Soudry to the context of essentially self dual representations that is representations which are isomorphic to the twist of their own contragredient by some Hecke character The authors theory supplements the recent work of Asgari Shahidi on the functorial lift from split and quasisplit forms of $GS_{\text{Spin}}(2n)$ to $GL(2n)$ *Applying Dijkstra Algorithm for Solving Neutrosophic Shortest Path Problem* Said

Broumi, Assia Bakali, Mohamed Talea, Florentin Smarandache, The selection of shortest path problem is one the classic problems in graph theory In literature many algorithms have been developed to provide a solution for shortest path problem in a network

Reframing Economics Roger A McCain, 2014-03-28 The objectives of this book are twofold Firstly it

proposes that economics should be defined as a study of imperfect cooperation Secondly it elucidates the continuities that extend from classical political economy through the neoclassical Keynesia

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web salah satu factor yang dapat menunjang hal tersebut adalah perencanaan intalasi listrik di atas kapal atau system distribusi daya listrik diatas kapal tentunya harus memenuhi kelengkapan komponen kompanen untuk system distribusi dan sesuai persyaratan pada peraturan rekayasa kemaritiman

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web untuk menentukan kapasitas generator di kapal dipergunakan suatu tabel balans daya yang mana seluruh peralatan

listrik yang ada kapasitasnya atau dayanya tertera dalam tabel tersebut sehingga dengan tabel balans daya tersebut dapat diketahui daya listrik yang diperlukan untuk masing masing kondisi operasional kapal

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web b tahap desain wiring diagram kapal wiring diagram adalah gambaran suatu rangkaian listrik yang memberikan informasi secara detail dari mulai simbol rangkaian sampai dengan koneksi rangkaian tersebut dengan komponen lain yang berisikan pengaman data kabel indikator indikator lain instrumen lain

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