

opposite of derivative calculus

opposite of derivative calculus is an important concept in the field of mathematics, specifically within the realm of calculus. While many students and professionals focus on derivatives to understand rates of change, the opposite of derivative calculus, known as integral calculus, is equally vital as it deals with the accumulation of quantities and the areas under curves. This article will explore integral calculus in detail, discussing its fundamental principles, methods, applications, and comparison with derivative calculus. By understanding the opposite of derivative calculus, one can gain a more comprehensive grasp of mathematical analysis and its applications in various fields.

- Understanding Integral Calculus
- Fundamental Theorem of Calculus
- Types of Integrals
- Methods of Integration
- Applications of Integral Calculus
- Comparison Between Derivative and Integral Calculus
- Conclusion

Understanding Integral Calculus

Integral calculus is a branch of calculus focused on integrals and their properties. It serves as the counterpart to derivative calculus, which is concerned with the rates of change of functions. In essence, while derivatives provide insights into how a function behaves at a specific point, integrals enable us to comprehend the total accumulation of those behaviors over an interval. This accumulation can represent various physical quantities, such as distance, area, volume, and more.

At its core, integral calculus revolves around the concept of the definite and indefinite integral. The indefinite integral, also known as the antiderivative, represents a family of functions whose derivative gives the original function. Conversely, the definite integral calculates the accumulated value of a function over a specified interval, often interpreted geometrically as the area under a curve.

Fundamental Theorem of Calculus

The Fundamental Theorem of Calculus is a pivotal theorem that connects the two main branches of calculus: differentiation and integration. It consists of two parts, each illustrating how these processes are interrelated.

Part 1: The Relationship Between Derivatives and Integrals

The first part states that if a function is continuous on an interval $[a, b]$, then the function has an antiderivative on that interval. This means that if we take the definite integral of a function over $[a, b]$, we can find the value by evaluating its antiderivative at the endpoints:

$F(b) - F(a)$, where F is the antiderivative of the function.

Part 2: Evaluation of Definite Integrals

The second part emphasizes that if we have a continuous function defined over an interval, we can find the area under the curve using the definite integral. This provides a powerful way to compute areas, volumes, and other quantities that can be derived from functions.

Types of Integrals

Integral calculus encompasses various types of integrals, each serving unique functions and applications. The primary types of integrals include:

- **Indefinite Integrals:** Represents a family of functions and is expressed without limits.
- **Definite Integrals:** Computes the exact area under a curve between two specific points.
- **Improper Integrals:** Deals with integrals that have infinite limits or integrands that approach infinity.
- **Multiple Integrals:** Extends the concept of integration to functions of multiple variables, used to calculate volumes and other higher-dimensional quantities.

Methods of Integration

To effectively compute integrals, several methods have been developed, each suitable for different types of functions. Some of the most common methods include:

- **Substitution Method:** Used when an integral contains a function and its derivative, allowing for simpler integration.
- **Integration by Parts:** Based on the product rule for differentiation, this method helps to integrate products of functions.
- **Partial Fraction Decomposition:** Useful for integrating rational functions by breaking them down into simpler fractions.
- **Numerical Integration:** Techniques such as Simpson's Rule and the Trapezoidal Rule are employed when analytical solutions are difficult or impossible to obtain.

Applications of Integral Calculus

Integral calculus plays a significant role in various fields, providing tools for solving real-world problems. Some notable applications include:

- **Physics:** Calculating quantities such as work, energy, and fluid dynamics.
- **Engineering:** Analyzing structures, optimizing designs, and calculating material usage.
- **Economics:** Determining consumer and producer surplus, as well as modeling economic growth.
- **Biology:** Modeling population growth and resource consumption.

Comparison Between Derivative and Integral Calculus

Understanding the differences between derivative and integral calculus is crucial for mastering calculus as a whole. Here are some key distinctions:

- **Focus:** Derivative calculus focuses on rates of change, while integral calculus focuses on accumulation and areas.
- **Notation:** Derivatives are denoted by $f'(x)$ or df/dx , whereas integrals are denoted by $\int f(x)dx$.
- **Processes:** Differentiation is concerned with finding slopes, while integration is about calculating areas under curves.
- **Applications:** Derivatives are widely used in optimization problems, while integrals are essential for calculating total quantities.

Conclusion

Integral calculus, as the opposite of derivative calculus, provides essential tools for understanding and calculating the accumulation of quantities. Through its various types and methods, it serves as a foundation for numerous applications across diverse fields. By mastering both derivative and integral calculus, individuals can gain a comprehensive understanding of mathematical analysis and its practical implications. Embracing integral calculus not only enhances mathematical proficiency but also opens doors to solving complex problems in science, engineering, and economics.

Q: What is the opposite of derivative calculus?

A: The opposite of derivative calculus is integral calculus, which focuses on the accumulation of quantities and areas under curves.

Q: How does integral calculus relate to derivative calculus?

A: Integral calculus is connected to derivative calculus through the Fundamental Theorem of Calculus, which establishes a relationship between differentiation and integration.

Q: What are the main types of integrals in calculus?

A: The main types of integrals include indefinite integrals, definite integrals, improper integrals, and multiple integrals.

Q: What are some common methods used for

integration?

A: Common methods of integration include substitution, integration by parts, partial fraction decomposition, and numerical integration techniques.

Q: What are some applications of integral calculus?

A: Integral calculus is used in various fields, including physics for calculating work and energy, engineering for structural analysis, economics for surplus calculations, and biology for population modeling.

Q: Can you explain the difference between definite and indefinite integrals?

A: Definite integrals compute the area under a curve over a specified interval, while indefinite integrals represent a family of functions without limits, essentially providing the antiderivative of a function.

Q: What is the significance of the Fundamental Theorem of Calculus?

A: The Fundamental Theorem of Calculus is significant because it links the processes of differentiation and integration, allowing for easier calculations of areas and accumulation of quantities.

Q: How do you find the area under a curve using integral calculus?

A: To find the area under a curve using integral calculus, one can evaluate the definite integral of the function representing the curve between the desired limits.

Q: What is numerical integration, and when is it used?

A: Numerical integration refers to techniques like Simpson's Rule and the Trapezoidal Rule, which are used to approximate integrals when analytical solutions are difficult or impossible to compute.

Q: Why is integral calculus important in real-world applications?

A: Integral calculus is important in real-world applications because it provides essential

tools for solving practical problems in various fields, enabling the calculation of total quantities and areas, which are crucial for analysis and decision-making.

Opposite Of Derivative Calculus

Find other PDF articles:

<https://ns2.kelisto.es/gacor1-05/Book?trackid=SQE27-2354&title=bat-masterson-facts.pdf>

opposite of derivative calculus: A Most Incomprehensible Thing Peter Collier, 2017-04-01
A straightforward, enjoyable guide to the mathematics of Einstein's relativity To really understand Einstein's theory of relativity – one of the cornerstones of modern physics – you have to get to grips with the underlying mathematics. This self-study guide is aimed at the general reader who is motivated to tackle that not insignificant challenge. With a user-friendly style, clear step-by-step mathematical derivations, many fully solved problems and numerous diagrams, this book provides a comprehensive introduction to a fascinating but complex subject. For those with minimal mathematical background, the first chapter gives a crash course in foundation mathematics. The reader is then taken gently by the hand and guided through a wide range of fundamental topics, including Newtonian mechanics; the Lorentz transformations; tensor calculus; the Einstein field equations; the Schwarzschild solution (which gives a good approximation of the spacetime of our Solar System); simple black holes, relativistic cosmology and gravitational waves. Special relativity helps explain a huge range of non-gravitational physical phenomena and has some strangely counter-intuitive consequences. These include time dilation, length contraction, the relativity of simultaneity, mass-energy equivalence and an absolute speed limit. General relativity, the leading theory of gravity, is at the heart of our understanding of cosmology and black holes. I must observe that the theory of relativity resembles a building consisting of two separate stories, the special theory and the general theory. The special theory, on which the general theory rests, applies to all physical phenomena with the exception of gravitation; the general theory provides the law of gravitation and its relations to the other forces of nature. – Albert Einstein, 1919 Understand even the basics of Einstein's amazing theory and the world will never seem the same again. Contents: Preface Introduction 1 Foundation mathematics 2 Newtonian mechanics 3 Special relativity 4 Introducing the manifold 5 Scalars, vectors, one-forms and tensors 6 More on curvature 7 General relativity 8 The Newtonian limit 9 The Schwarzschild metric 10 Schwarzschild black holes 11 Cosmology 12 Gravitational waves Appendix: The Riemann curvature tensor Bibliography Acknowledgements January 2019. This third edition has been revised to make the material even more accessible to the enthusiastic general reader who seeks to understand the mathematics of relativity.

opposite of derivative calculus: S.Chand's Mathematics -XII (Vol-Ii) Bhagwat S. Sharma, S. Chand's Mathematics books for Classes IX and X are completely based on CCE pattern of CBSE. The book for Term I covers the syllabus from April to September and the book for Term II covers the syllabus from October to March.

opposite of derivative calculus: Differential and Integral Calculus Daniel Alexander Murray, 1908

opposite of derivative calculus: Calculus Textbook for College and University USA Ibrahim Sikder, 2023-06-04 Calculus Textbook

opposite of derivative calculus: Numerical Computation and Algorithms Mr. Rohit Manglik,

2024-03-11 EduGorilla Publication is a trusted name in the education sector, committed to empowering learners with high-quality study materials and resources. Specializing in competitive exams and academic support, EduGorilla provides comprehensive and well-structured content tailored to meet the needs of students across various streams and levels.

opposite of derivative calculus: Geometry, Geodesics, and the Universe Robert G. Bill, 2023-03-19 The story of the development of geometry is told as it emerged from the concepts of the ancient Greeks, familiar from high school, to the four-dimensional space-time that is central to our modern vision of the universe. The reader is first reacquainted with the geometric system compiled by Euclid with its postulates thought to be self-evident truths. A particular focus is on Euclid's fifth postulate, the Parallel Postulate and the many efforts to improve Euclid's system over hundreds of years by proving it from the first four postulates. Two thousand years after Euclid, in the process that would reveal the Parallel Postulate as an independent postulate, a new geometry was discovered that changed the understanding of geometry and mathematics, while paving the way for Einstein's General Relativity. The mathematics to describe the non-Euclidean geometries and the geometric universe of General Relativity is initiated in the language of mathematics available to a general audience. The story is told as a mathematical narrative, bringing the reader along step by step with all the background needed in analytic geometry, the calculus, vectors, and Newton's laws to allow the reader to move forward to the revolutionary extension of geometry by Riemann that would supply Einstein with the language needed to overthrow Newton's universe. Using the mathematics acquired for Riemannian geometry, the principles behind Einstein's General Relativity are described and their realization in the Field Equations is presented. From the Field Equations, it is shown how they govern the curved paths of light and that of planets along the geodesics formed from the geometry of space-time, and how they provide a picture of the universe's birth, expansion, and future. Thus, Euclid's geometry while no longer thought to spring from perceived absolute truths as the ancients believed, ultimately provided the seed for a new understanding of geometry that in its infinite variety became central to the description of the universe, marking mathematics as a one of the great modes of human expression.

opposite of derivative calculus: *Official Gazette* Philippines, 2008

opposite of derivative calculus: Mathematical Analysis and Differentiation Techniques Mr. Rohit Manglik, 2024-04-06 EduGorilla Publication is a trusted name in the education sector, committed to empowering learners with high-quality study materials and resources. Specializing in competitive exams and academic support, EduGorilla provides comprehensive and well-structured content tailored to meet the needs of students across various streams and levels.

opposite of derivative calculus: Encyclopaedia Metropolitana; Or, Universal Dictionary of Knowledge, on an Original Plan ... with ... Engravings: Pure sciences , 1845

opposite of derivative calculus: Encyclopædia Metropolitana; Or, Universal Dictionary of Knowledge ... Edward Smedley, Hugh James Rose, Henry John Rose, 1845

opposite of derivative calculus: Encyclopaedia Metropolitana: Plates to Mixed Sciences, Vol. 5 and 6 Edward Smedley, Hugh James Rose, Henry John Rose, 1845

opposite of derivative calculus: No bullshit guide to math and physics Ivan Savov, 2014-08-07 Often calculus and mechanics are taught as separate subjects. It shouldn't be like that. Learning calculus without mechanics is incredibly boring. Learning mechanics without calculus is missing the point. This textbook integrates both subjects and highlights the profound connections between them. This is the deal. Give me 350 pages of your attention, and I'll teach you everything you need to know about functions, limits, derivatives, integrals, vectors, forces, and accelerations. This book is the only math book you'll need for the first semester of undergraduate studies in science. With concise, jargon-free lessons on topics in math and physics, each section covers one concept at the level required for a first-year university course. Anyone can pick up this book and become proficient in calculus and mechanics, regardless of their mathematical background.

opposite of derivative calculus: *The American Mathematical Monthly* , 1922 Includes section Recent publications.

opposite of derivative calculus: *An Introduction to Semi-tensor Product of Matrices and Its Applications* Dai-Zhan Cheng, Yin Zhao, 2012 A generalization of Conventional Matrix Product (CMP), called the Semi-Tensor Product (STP), is proposed. It extends the CMP to two arbitrary matrices and maintains all fundamental properties of CMP. In addition, it has a pseudo-commutative property, which makes it more superior to CMP. The STP was proposed by the authors to deal with higher-dimensional data as well as multilinear mappings. After over a decade of development, STP has been proven to be a powerful tool in dealing with nonlinear and logical calculations. This book is a comprehensive introduction to the theory of STP and its various applications, including logical function, fuzzy control, Boolean networks, analysis and control of nonlinear systems, amongst others.

opposite of derivative calculus: Oswaal GATE Year-wise 15 Years' Solved Papers 2010 to 2024 | Engineering Mathematics For 2025 Exam Oswaal Editorial Board, 2024-03-27 Description of the Product: • 100% Exam Ready With 2024 Papers (All 8 Shifts) Fully Solved • Concept Clarity Learn key Concepts through Mind Map & Explanations • Extensive Practice With 1000+ Questions & 2 Sample Papers • 100% Exam Readiness With the Latest Previous Years' Trend Analysis (2017-2024) • Valuable Exam Insights With Tips & Tricks to ace GATE Exam in 1st attempt

opposite of derivative calculus: Computational Methods for Inverse Problems and Applications Amine Laghrib, Mourad Nachaoui, Lekbir Afraites, 2025-07-24 This book highlights recent trends in inverse problems and their integration with computer science, a field rapidly evolving yet underexplored mathematically. ICMDS 2024 aims to unite scientists to explore the latest in mathematics and its applications across various scientific disciplines. Key topics include inverse problems, partial differential equations, mathematical control, numerical analysis, and computer science. Our goal is to provide substantial mathematical insights and practical applications to bridge this gap. With its growing significance in media and industry, this event promises to attract a diverse audience and foster collaboration across scientific domains. The main contribution of this book is to give some sufficient mathematical content with expressive results and accurate applications. As a growing field, it is gaining a lot of attention both in media as well as in the industry world, which will attract the interest of readers from different scientist discipline.

opposite of derivative calculus: Super 10 CBSE Class 12 Mathematics 2020 Exam Sample Papers 2nd Edition Disha Experts, 2019-09-25

opposite of derivative calculus: Saraswati Mathematics -Vol-2 O P Chugh, N P Bali, A Text book on maths

opposite of derivative calculus: Saraswati Mathematics -Vol-1 O P Chugh, N P Bali, A Text book on maths

opposite of derivative calculus: *Paradoxes* Hamza E. Alsamraee, 2020-09-10 Does $.999\ldots=1$? Can you cut and reassemble a sphere into two identically sized spheres? Is the consistency of mathematical systems unprovable? Surprisingly, the answer to all of these questions is yes! And at the heart of each question, there lies paradox. For millennia, paradoxes have shaped mathematics and guided mathematical progress forwards. From the ancient paradoxes of Zeno to the modern paradoxes of Russell, paradoxes remind us of the constant need to revamp our mathematical understanding. It is for this reason that paradoxes are so important. *Paradoxes: Guiding Forces in Mathematical Exploration* provides a survey of mathematical paradoxes spanning a wide variety of topics. It delves into each paradox mathematically, philosophically, and historically, and attempts to provide a full picture of how paradoxes contributed to the progress of mathematics and guided it in many ways. In addition, it discusses how paradoxes can be useful as educational tools. All of that, plus the fact that it is written in a way that is accessible to anyone with a high school background in mathematics! Entertaining and educational, this book will appeal to any reader looking for a mathematical and philosophical challenge.

Related to opposite of derivative calculus

OPPOSITE Definition & Meaning - Merriam-Webster opposite, contradictory, contrary, antithetical mean being so far apart as to be or seem irreconcilable. opposite applies to things in sharp contrast or in conflict

OPPOSITE | English meaning - Cambridge Dictionary OPPOSITE definition: 1. completely different: 2. being in a position on the other side; facing: 3. facing the speaker. Learn more

458 Synonyms & Antonyms for OPPOSITE | Find 458 different ways to say OPPOSITE, along with antonyms, related words, and example sentences at Thesaurus.com

OPPOSITE Definition & Meaning | Opposite definition: situated, placed, or lying face to face with something else or each other, or in corresponding positions with relation to an intervening line, space, or thing.. See examples of

OPPOSITE definition and meaning | Collins English Dictionary Opposite is used to describe things of the same kind which are completely different in a particular way. For example, north and south are opposite directions, and winning and losing are

Opposite - Wikipedia Opposition is a semantic relation in which one word has a sense or meaning that negates or, in terms of a scale, is distant from a related word. Some words lack a lexical opposite due to an

Opposite - definition of opposite by The Free Dictionary 1. Across from or facing: parked the car opposite the bank. 2. In a complementary dramatic role to: He played opposite her

opposite, n., adj., adv., prep. meanings, etymology and more There are 15 meanings listed in OED's entry for the word opposite, five of which are labelled obsolete. See 'Meaning & use' for definitions, usage, and quotation evidence

opposite - Dictionary of English Opposite, contrary, reverse imply that two things differ from each other in such a way as to indicate a definite kind of relationship. Opposite suggests symmetrical antithesis in position,

Opposite Definition & Meaning | Britannica Dictionary OPPOSITE meaning: 1 : located at the other end, side, or corner of something located across from something; 2 : completely different

OPPOSITE Definition & Meaning - Merriam-Webster opposite, contradictory, contrary, antithetical mean being so far apart as to be or seem irreconcilable. opposite applies to things in sharp contrast or in conflict

OPPOSITE | English meaning - Cambridge Dictionary OPPOSITE definition: 1. completely different: 2. being in a position on the other side; facing: 3. facing the speaker. Learn more

458 Synonyms & Antonyms for OPPOSITE | Find 458 different ways to say OPPOSITE, along with antonyms, related words, and example sentences at Thesaurus.com

OPPOSITE Definition & Meaning | Opposite definition: situated, placed, or lying face to face with something else or each other, or in corresponding positions with relation to an intervening line, space, or thing.. See examples of

OPPOSITE definition and meaning | Collins English Dictionary Opposite is used to describe things of the same kind which are completely different in a particular way. For example, north and south are opposite directions, and winning and losing are

Opposite - Wikipedia Opposition is a semantic relation in which one word has a sense or meaning that negates or, in terms of a scale, is distant from a related word. Some words lack a lexical opposite due to an

Opposite - definition of opposite by The Free Dictionary 1. Across from or facing: parked the car opposite the bank. 2. In a complementary dramatic role to: He played opposite her

opposite, n., adj., adv., prep. meanings, etymology and more There are 15 meanings listed in OED's entry for the word opposite, five of which are labelled obsolete. See 'Meaning & use' for definitions, usage, and quotation evidence

opposite - Dictionary of English Opposite, contrary, reverse imply that two things differ from each other in such a way as to indicate a definite kind of relationship. Opposite suggests

symmetrical antithesis in position,

Opposite Definition & Meaning | Britannica Dictionary OPPOSITE meaning: 1 : located at the other end, side, or corner of something located across from something; 2 : completely different

OPPOSITE Definition & Meaning - Merriam-Webster opposite, contradictory, contrary, antithetical mean being so far apart as to be or seem irreconcilable. opposite applies to things in sharp contrast or in conflict

OPPOSITE | English meaning - Cambridge Dictionary OPPOSITE definition: 1. completely different: 2. being in a position on the other side; facing: 3. facing the speaker. Learn more

458 Synonyms & Antonyms for OPPOSITE | Find 458 different ways to say OPPOSITE, along with antonyms, related words, and example sentences at Thesaurus.com

OPPOSITE Definition & Meaning | Opposite definition: situated, placed, or lying face to face with something else or each other, or in corresponding positions with relation to an intervening line, space, or thing.. See examples of

OPPOSITE definition and meaning | Collins English Dictionary Opposite is used to describe things of the same kind which are completely different in a particular way. For example, north and south are opposite directions, and winning and losing are

Opposite - Wikipedia Opposition is a semantic relation in which one word has a sense or meaning that negates or, in terms of a scale, is distant from a related word. Some words lack a lexical opposite due to an

Opposite - definition of opposite by The Free Dictionary 1. Across from or facing: parked the car opposite the bank. 2. In a complementary dramatic role to: He played opposite her

opposite, n., adj., adv., prep. meanings, etymology and more There are 15 meanings listed in OED's entry for the word opposite, five of which are labelled obsolete. See 'Meaning & use' for definitions, usage, and quotation evidence

opposite - Dictionary of English Opposite, contrary, reverse imply that two things differ from each other in such a way as to indicate a definite kind of relationship. Opposite suggests symmetrical antithesis in position,

Opposite Definition & Meaning | Britannica Dictionary OPPOSITE meaning: 1 : located at the other end, side, or corner of something located across from something; 2 : completely different

OPPOSITE Definition & Meaning - Merriam-Webster opposite, contradictory, contrary, antithetical mean being so far apart as to be or seem irreconcilable. opposite applies to things in sharp contrast or in conflict

OPPOSITE | English meaning - Cambridge Dictionary OPPOSITE definition: 1. completely different: 2. being in a position on the other side; facing: 3. facing the speaker. Learn more

458 Synonyms & Antonyms for OPPOSITE | Find 458 different ways to say OPPOSITE, along with antonyms, related words, and example sentences at Thesaurus.com

OPPOSITE Definition & Meaning | Opposite definition: situated, placed, or lying face to face with something else or each other, or in corresponding positions with relation to an intervening line, space, or thing.. See examples of

OPPOSITE definition and meaning | Collins English Dictionary Opposite is used to describe things of the same kind which are completely different in a particular way. For example, north and south are opposite directions, and winning and losing are

Opposite - Wikipedia Opposition is a semantic relation in which one word has a sense or meaning that negates or, in terms of a scale, is distant from a related word. Some words lack a lexical opposite due to an

Opposite - definition of opposite by The Free Dictionary 1. Across from or facing: parked the car opposite the bank. 2. In a complementary dramatic role to: He played opposite her

opposite, n., adj., adv., prep. meanings, etymology and more There are 15 meanings listed in OED's entry for the word opposite, five of which are labelled obsolete. See 'Meaning & use' for definitions, usage, and quotation evidence

opposite - Dictionary of English Opposite, contrary, reverse imply that two things differ from

each other in such a way as to indicate a definite kind of relationship. Opposite suggests symmetrical antithesis in position,

Opposite Definition & Meaning | Britannica Dictionary OPPOSITE meaning: 1 : located at the other end, side, or corner of something located across from something; 2 : completely different

OPPOSITE Definition & Meaning - Merriam-Webster opposite, contradictory, contrary, antithetical mean being so far apart as to be or seem irreconcilable. opposite applies to things in sharp contrast or in conflict

OPPOSITE | English meaning - Cambridge Dictionary OPPOSITE definition: 1. completely different: 2. being in a position on the other side; facing: 3. facing the speaker. Learn more

458 Synonyms & Antonyms for OPPOSITE | Find 458 different ways to say OPPOSITE, along with antonyms, related words, and example sentences at Thesaurus.com

OPPOSITE Definition & Meaning | Opposite definition: situated, placed, or lying face to face with something else or each other, or in corresponding positions with relation to an intervening line, space, or thing.. See examples of

OPPOSITE definition and meaning | Collins English Dictionary Opposite is used to describe things of the same kind which are completely different in a particular way. For example, north and south are opposite directions, and winning and losing are

Opposite - Wikipedia Opposition is a semantic relation in which one word has a sense or meaning that negates or, in terms of a scale, is distant from a related word. Some words lack a lexical opposite due to an

Opposite - definition of opposite by The Free Dictionary 1. Across from or facing: parked the car opposite the bank. 2. In a complementary dramatic role to: He played opposite her

opposite, n., adj., adv., prep. meanings, etymology and more There are 15 meanings listed in OED's entry for the word opposite, five of which are labelled obsolete. See 'Meaning & use' for definitions, usage, and quotation evidence

opposite - Dictionary of English Opposite, contrary, reverse imply that two things differ from each other in such a way as to indicate a definite kind of relationship. Opposite suggests symmetrical antithesis in position,

Opposite Definition & Meaning | Britannica Dictionary OPPOSITE meaning: 1 : located at the other end, side, or corner of something located across from something; 2 : completely different

Back to Home: <https://ns2.kelisto.es>