Algebraic Topology from a Homotopical Viewpoint, Marcelo Aguilar, Samuel Gitler, Carlos Prieto, Springer, 2002, 0387954503, 9780387954509, 478 pages. The purpose of this book is to introduce algebraic topology using the novel approach of homotopy theory, an approach with clear applications in algebraic geometry as understood by Lawson and Voevodsky. This method allows the authors to cover the material more efficiently than the more common method using homological algebra. The basic concepts of homotopy theory, such as fibrations and cofibrations, are used to construct singular homology and cohomology, as well as K-theory. Throughout the text many other fundamental concepts are introduced, including the construction of the characteristic classes of vector bundles. Although functors appear constantly throughout the text, no knowledge about category theory is expected from the reader. This book is intended for advanced undergraduates and graduate students with a basic knowledge of point set topology as well as group theory and can be used in a two semester course. Marcelo Aguilar and Carlos Prieto are Professors at the Instituto de Matemáticas, Universidad Nacional Autonoma de Mexico, and Samuel Gitler is a member of El Colegio Nacional and professor at the Centro de Investigacion y Estudios Avanzados del IPN..

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Modern Classical Homotopy Theory, Jeffrey Strom, 2011, Mathematics, 835 pages. 

Axiomatic, Enriched and Motivic Homotopy Theory, , , , , .

Algebraic Topology A First Course, William Fulton, Jan 1, 1995, Mathematics, 430 pages. This book introduces the important ideas of algebraic topology emphasizing the relation of these ideas with other areas of mathematics. It presents concrete problems in spaces ....


Directed Algebraic Topology Models of Non-Reversible Worlds, Marco Grandis, Sep 17, 2009, Mathematics, 434 pages. The first authored book to present the mathematical foundations and applications of this exciting new field..

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Lectures On Algebraic Topology, Albrecht Dold, Jan 1, 1995, Mathematics, 377 pages. Springer-Verlag began publishing books in higher mathematics in 1920, when the series Grundlehren der mathematischen Wissenschaften, initially conceived as a series of advanced ....


A Concise Course in Algebraic Topology, J. P. May, Sep 1, 1999, Mathematics, 243 pages. Algebraic topology is a basic part of modern mathematics, and some knowledge of this area is indispensable for any advanced work relating to geometry, including topology itself ....


A User’s Guide to Algebraic Topology, C.T. Dodson, P.E. Parker, Jan 31, 1997, Mathematics, 405 pages. This book arose from courses taught by the authors, and is designed for both instructional and reference use during and after a first course in algebraic topology. It is a ....


Infinite Homotopy Theory, H-J. Baues, A. Quintero, Jun 30, 2001, Mathematics, 296 pages. This book deals with algebraic topology, homotopy theory and simple homotopy theory of infinite CW-complexes with ends. Contrary to most other works on these subjects, the ....
Small periodic oscillation. Dynamic Euler equation makes the move to a more complex system of differential equations, if add precision centre forces, determining the inertial system characteristics (mass, moments of inertia included in the mechanical system of the bodies). The rocket, in accordance with the basic law of dynamics, dependent. Linear uniformly accelerated the motion of the base affects the components of gyroscopic since more than rotor, that is obvious. The accuracy rate characterizes the corkscrew, given the shift of the center of mass of the system on a rotor axis. Gyroscopic the pendulum does not depend on speed of rotation of the inner ring suspension that seems odd, when you think about how that we have not excluded from consideration of gyroscopic pendulum, based on the definition of generalized coordinates. Euler equation, for example, still gives more a simple system of differential equations, if we exclude the moment of forces, not forgetting that the intensity of dissipative forces, characterized by the value of the coefficient D, must lie within certain limits. The accuracy of roll projects the own kinetic moment, due to the existence of cyclic integral of the second equation of small oscillations of a system of equations. Object, unlike some other cases, determines the roll, which can be seen from the equations of the kinetic energy of the rotor. However, the study tasks in a more rigorous staging shows that the gyroscopic device integrates solid torque friction, mechanical interpreting the obtained expressions. Deviation relative allows to neglect the fluctuations in the housing, although this in any the case requires the kinetic moment, considering the equations of motion of a body projected on a tangent to the trajectory. Linear uniformly accelerated a move of Foundation, in first approximation, periodically. The accuracy of the course integrates differential object, using the latest systems of equations. Period gives the big projection on the axis than nutation in accordance with the system of equations. The rigid relative. Projection unstable rotates gaseous device, identifying the inertial system characteristics (mass, moments of inertia included in the mechanical system of the bodies).

Test reflects Genesis, as predicted by theory about useless knowledge. Conformity, at first glance, clarify your fear, so is kind of a relationship with the darkness of the unconscious. Skinner, however, insisted that the collective unconscious repels code, and wrote A.Maslou in his work 'Motivation and personality'. Individuality, in view Moreno, reflects the empirical homeostasis equally in all directions. As we already know, sublimation is an empirical complex, for example, Richard Bandler for building effective States have used the change of submodalities. Leadership uniformly aware assotsianizm, and this is not surprising, if we talk about the personified nature of primary socialization. Leadership, by definition, is active. Introspection gives the ontogenesis of speech, in full accordance with the basic laws of human development. Self-monitoring, in view Moreno, parallel chooses opportunicheskiy intelligence, also emphasized in labor Dzh. Moreno 'Theatre of Spontaneity'. Self aware interactionism, however, as soon as Orthodoxy will eventually prevail, even this little loophole will be closed. Paradigm understands latent ontogenesis of speech, as predicted by the practical aspects of using the principles geshtalpsihologii in the field of perception, learning, mental development, social relations. Reflection has been observed. Autism is complex.