

La Lógica De La Investigación Científica

Bernardo Bolaños Guerra

La lógica de la investigación científica Karl Raimund Popper, 2011 La serie de artículos recogidos en este volumen constituye una exposición de las opiniones epistemológicas de Karl R. Popper, más sistemática de lo que a primera vista pudiera parecer, dada la estructura de la obra. El autor, uno de los filósofos de la ciencia más sólidos y audaces del siglo XX, expone aquí algunas de las claves fundamentales de su pensamiento. El punto de partida de su epistemología es el realismo del sentido común, realismo crítico por cuanto que afirma constantemente —en contra del mito del «marco teórico»— la necesidad de poner en tela de juicio el propio punto de partida. Sin embargo, el autor rechaza la teoría del conocimiento del sentido común que concibe el conocimiento como un proceso pasivo —teoría del cubo—, consistente en acumular los datos directamente recibidos a través de los sentidos, para situar en su lugar una concepción activa del conocer —teoría del reflector—, necesariamente ligada a expectativas previas; de modo análogo a como ocurre en el proceso de la evolución biológica. Tanto la evolución como el desarrollo del conocimiento exigen una estructura innata genéticamente a priori —aunque no válida a priori—, que suministra el material de partida que la selección natural o la crítica racional han de modificar para producir el siguiente estadio de desarrollo. Desde esta perspectiva se lleva a cabo la crítica del inductivismo, poniendo en tela de juicio el carácter definitivo de toda pretensión de conocer, abogando por una crítica continua y sin fronteras de todas sus instancias, que no son más que conjeturas provisionales.

La lógica de investigación científica Karl Raimund Popper, 1967

La lógica de la investigación científica Karl Popper, 1990

La investigación científica Mario Bunge, 2000-05-02 Partiendo de la idea de que hacer ciencia no es obrar a ciegas sino un proceso intelectual y creador asistido por medios materiales, Bunge ofrece un tratado sistemático de epistemología, que recorre el sendero íntegro de la investigación científica y examina cada etapa del ciclo de la investigación: la hipótesis de trabajo, la hipótesis corroborada o ley, el sistema hipotético-deductivo o teoría, la explicación y la predicción por medio de teorías, la acción fundada sobre la teoría y la evaluación de las ideas a la luz de los hechos.

Karl Popper Jean Baudouin, 1995

Epistemología E Informática Claudio Gutiérrez, 1993

El proceso de la investigación científica Mario Tamayo y Tamayo, 2001

La lógica de la investigación científica Karl Raimund Popper,1971

Aspectos metodológicos de la investigación científica Wenceslao J. González,Luis Puelles,1988

Argumentación científica y objetividad Bernardo Bolaños Guerra,2002

Post Scriptum a la lógica de la investigación científica Karl Raimund Popper,1985

Hipótesis y verdad en ciencia Andrés Rivadulla Rodríguez,2004

Lógica: La teoría de la investigación (1938) Dewey, John,2022-01-24 John Dewey es reconocido hoy por su propuesta pragmatista de crítica y reconstrucción de la filosofía moderna, por su contribución decisiva a la renovación de las ideas pedagógicas del siglo xx, como referente moral de varias generaciones de intelectuales estadounidenses o como el gran filósofo de la democracia norteamericana. Pero su vasta obra tiene un hilo conductor: una teoría de la investigación que explica cómo y por qué pensamos y, sobre todo, que pensamos para resolver nuestros problemas; no solo en lo teórico, sino en lo práctico y como sociedad. Esa tarea requiere una herramienta, la lógica, cuyo «objeto último» —material y formal a la vez— describe exhaustivamente en el presente libro, verdadera culminación de toda su obra.

La estructura de la ciencia Ernest Nagel,2006-03-15 Aun siendo un ensayo sobre filosofía de la ciencia, este libro trata de un grupo de cuestiones más homogéneo y su contenido tiene por objetivo analizar la lógica de la investigación científica y la estructura lógica de sus productos intelectuales. En él se examinan los patrones lógicos que aparecen en la organización del conocimiento científico, así como los métodos lógicos cuyo uso es la característica perdurable de la ciencia moderna. Escrito para un público más amplio que el de los estudiosos de la filosofía, el libro pone de relieve el carácter del método científico en una variedad de dominios, tanto en las ciencias sociales y biológicas como en la física, con el fin de suministrar fundamentos amplios para valorar con espíritu reflexivo las críticas dirigidas a menudo (y en nombre de una «sabiduría superior») contra las obras de la razón científica.

Filosofía de las ciencias humanas y sociales José María Mardones,1991 Estos Materiales están concebidos como una selección fundamental de textos para una iniciación en esta disciplina. Son un instrumento pedagógico que pone en manos del profesor y del alumno un conjunto de lecturas de los principales representantes y tendencias actuales de la Filosofía de las Ciencias Humanas y Sociales.

Metodología de la investigación científica y tecnológica José Cegarra Sánchez,2011-09-11 Es evidente que actualmente una de las preocupaciones de los gobiernos y de las empresas es disponer de un potencial humano altamente cualificado, que les permita situar a sus países y empresas respectivamente en los puestos más avanzados de la ciencia y la tecnología. Para ello, es necesario, en ambos casos, la formación de los titulados correspondientes en I + D + I y el asignar los recursos necesarios para que dichos titulados puedan desarrollar eficazmente su función. El objetivo de este libro es el de suministrar la metodología que debe ser utilizada para la formación de los titulados en I + D + I, adaptándola en cada caso, a

las peculiaridades del área en donde se debe investigar.

LA ESTRUCTURA DE LAS TEORIAS CIENTIFICAS ROIMAN VALBUENA, 2018-05-16 LIBRO DEDICADO AL DESARROLLO DE TEORÍAS CIENTÍFICAS. SU MODELIZACIÓN, ARGUMENTACIÓN Y ELEMENTOS LÓGICOS QUE LAS FUNDAMENTAN. ABORDA LA CIENCIA Y SUS PRINCIPIOS. CONTIENE TEMÁTICAS COMO: LA LÓGICA CIENTÍFICA. EL CONOCIMIENTO Y LAS IDEAS. ARTE Y FORMA DE EXPLICAR CIENTÍFICAMENTE. LAS LEYES NATURALES Y DISCUSIONES ACERCA DEL POR QUÉ NO EXISTEN LEYES EN LAS CIENCIAS SOCIALES. INCLUYE DIVERSAS TIPOLOGÍAS DE RAZONAMIENTO Y EL CÓMO SE OPERACIONALIZA UNA INVESTIGACIÓN. EN VARIOS CAPÍTULOS SE DESCRIBEN Y EXPLICAN LOS DENOMINADOS PROGRAMAS DE INVESTIGACIÓN CIENTÍFICA. CONTIENE UN APARTE ACERCA DE LA TEORÍA DE LA DEMOSTRACIÓN Y LA IDENTIFICACIÓN DE PATRONES MATEMÁTICOS SOBRE UNIDADES FENOMÉNICAS. Y POR ÚLTIMO, SE ABORDAN 4 ENFOQUES DE LA FÍSICA TEÓRICA.

Ciencia Pura: Roiman Valbuena, 2023-10-09 Este libro Ciencia Pura: Lógica de Procedimientos y Razonamientos Científicos consiste en una segunda edición de la primera versión del 2017. Es una obra que cubre los temas de Filosofía de la Ciencia, epistemología, lógica, métodos de la física teórica, filosofía del espacio y el tiempo y aspectos varios acerca de temas científicos. Incluye nuevos conceptos como los de Epistemocracia Algorítmica e Intuerinoia. En esta obra se presenta el denominado Método AGEGUI Acto Fenoménico Guiado por Intuición, forma que tiene su autor para denominar a un método que se circunscribe a la exploración de problemas científicos partiendo de la intuición. El Método AFEGUI se basa en la idea de que lo que llamamos método científico, no es más que la descripción de un acto fenoménico que al contacto con alguna realidad específica e inquietante a la mente de quien la percibe, es guiado por dos tipos de intuiciones (dos tipos de ciencia distintas). Una fenoménica, epistémica, que se circunscribe a la parte sensible de aquel contacto, a lo que es explicable. Aquí actúa la abstracción eidética, además de la noesis y los noemas. El otro tipo de intuición alude y encumbra a lo ontológico, a lo intuitivo. A las características y particularidades del ser con el que se ha tenido contacto. Este segundo tipo de intuición es no sensible, por ende, se ubica en el mundo posible de lo noumenal. El método, de inicio a fin, es guiado por lo que su autor denomina poiesis por fisicalismo. Donde poiesis denota a la capacidad creativa de los agentes científicos. Y, lo que los agentes crean no son más que formas de resolver problemas. Además de relaciones de primer y segundo grado, incluso con altos niveles de abstracción, que pueden dar como resulta un conjunto de ecuaciones aplicables al campo de la física y originadas a partir de un contacto fenoménico guiado por intuición, del cual se extraen objetos mentales que le son propios predicados del mismo tipo.

LA INVESTIGACIÓN CIENTÍFICA AVANZADA ROIMAN VALBUENA, 2017-07-09 Libro dedicado a la investigación científica. Introduce a su vez, conceptos de inteligencia artificial y métodos de razonamiento bajo entornos probabilísticos e incertidumbre. Incluye un compendio acerca de la intuición científica. El razonamiento basado en procesos markovianos. El

razonamiento bayesiano y la teoría estadística de la decisión. Contiene tópicos acerca de la investigación internivel y los razonamientos explicativos para este mismo nivel analítico. Sin separarse de las explicaciones puras y las causales.

Lógica jurídica Gustavo González Solano, 2003

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