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R Bogdan



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discipline that contributes toward understanding objectivity History of science shows that objectivity and subjectivity can be considered as the two poles of a continuum and this dualism leads to a conflict in understanding the evolving nature of objectivity The history of objectivity is nothing less than the history of science itself and the evolving and varying forms of objectivity does not mean that one replaced the other in a sequence but rather each form supplements the others This book is remarkable for its insistence that the philosophy of science and in particular that discipline s analysis of objectivity as the supposed hallmark of the scientific method is of direct value to teachers of science Meticulously yet in a most readable way Mansoor Niaz looks at the way objectivity has been dealt with over the years in influential educational journals and in textbooks it s fascinating how certain perspectives fade while basic questions show no sign of going away There are few books that take both philosophy and education seriously this one does Roald Hoffmann Cornell University chemist writer and Nobel Laureate in Chemistry

Kimia Analisa Umami Kalsum, Marhaini, 2025-07-01 Kimia Analisa merupakan salah satu materi penting dalam kurikulum Teknik Kimia Pembahasan dalam buku ini mencakup berbagai topik dasar seperti iodometri argentometri larutan asam basa pH dan pOH garam kesetimbangan kimia elektrolit dan non elektrolit disosiasi ikatan ion dan anion serta titrasi oksidimetri Setiap topik dibahas dari segi definisi sifat bentuk jenis senyawa yang terlibat hingga metode analisisnya Kimia sangat erat kaitannya dengan kehidupan sehari-hari termasuk dalam isu-isu seperti pencemaran udara air lingkungan dan makanan Melalui ilmu kimia analisa kita bisa memahami sifat zat tingkat keasaman atau kebasaannya kekuatan ikatan ion serta cara menganalisis senyawa tersebut Oleh karena itu kimia analisa merupakan ilmu dasar yang penting untuk dipelajari dan dipahami terutama bagi mahasiswa atau siapa saja yang tertarik mendalami dunia kimia Kehadiran buku ini diharapkan dapat menjadi sumber informasi yang bermanfaat dan memberikan solusi bagi pembacanya

Building STEM Skills Through Environmental Education Schroth, Stephen T., Daniels, Janese, 2020-09-18 Environmental studies provide an ideal opportunity for children of any age to build critical and creative thinking skills while also building skills in science technology engineering and mathematics STEM Exploring issues related to sustainability and environmental concerns permits learners to identify problems develop research questions gather and analyze data develop possible solutions and disseminate this information to others Despite the advantages of green education and its ability to improve student achievement there is a gap in understanding the interplay between curriculum and instruction and how this affects teaching and learning Building STEM Skills Through Environmental Education is an essential publication that addresses gaps in the understanding of green education and offers educators meaningful and comprehensive examples of environmental and sustainability education in the Pre K through secondary grade levels The book offers a unique combination of foundational understanding of green education and chapters that illustrate the principles and impact of green education across grade levels content areas assessment systems instructional strategies technology and other related topics It is ideally designed for educators curriculum developers instructional designers advocates policymakers researchers

academicians and students **Pengantar Kimia dan Metode Ilmiah** Lulu Nurdini, Faradisa Anindita, Santi Febri Arianti, Syarifuddin Syarifuddin, Fakhrotun Nisa, Nadya Syarifatul Fajriyah, Matius Stefanus Batu, Maria Assumpta Nogo Ole, Mayshah Purnamasari, IGP Gede Rumayasa Yudana, 2025-06-18 Buku Pengantar Kimia dan Metode Ilmiah adalah panduan komprehensif yang dirancang untuk memperkenalkan dasar-dasar ilmu kimia kepada pembaca pemula terutama mahasiswa tahun pertama. Buku ini disusun dengan pendekatan yang sistematis dan aplikatif menjembatani pemahaman antara teori kimia dasar dan praktik ilmiah yang sesungguhnya. Konten buku ini mencakup pengenalan terhadap hakikat ilmu kimia, struktur dan tata nama senyawa, reaksi kimia, hukum dasar kimia hingga penerapan metode ilmiah dalam konteks kimia. Pembaca akan diajak memahami konsep melalui contoh-contoh yang dekat dengan kehidupan sehari-hari sekaligus dilatih untuk berpikir kritis dan analitis sebagaimana dituntut dalam dunia sains. Buku ini tidak hanya menjelaskan konsep kimia tetapi juga mengapa dan bagaimana yang menjadikannya sumber belajar yang tidak hanya informatif tetapi juga reflektif dan aplikatif. Dengan demikian, buku ini sangat tepat digunakan sebagai pengantar dalam perkuliahan, pelatihan maupun studi mandiri dalam bidang kimia dan sains pada umumnya. *Jejak Tuhan Dalam Rumus dan Rasa* Suhaeni, S.Pd.I, Fatmawati, M.Pd, 2025-08-28 Buku ini adalah jendela bagi siapa pun yang ingin memandang ilmu kimia tidak semata sebagai hitungan rumus dan eksperimen melainkan sebagai jalinan makna yang menuntun pada kesadaran spiritual. Dengan gaya tutur reflektif dan bahasa populer edukatif, Jejak Tuhan dalam Rumus dan Rasa mengajak pembaca menyelami hubungan mendalam antara hukum-hukum kimia dan tanda-tanda kehadiran Tuhan. Dari atom hingga metabolisme, dari pH hingga fotosintesis, setiap bab menunjukkan bahwa ilmu bukan hanya urusan logika tetapi juga ruang tafakur dan rasa syukur. Buku yang ditulis dengan tujuan memadukan sains dan iman tanpa harus mengorbankan kedalaman keduanya. Ia menyuguhkan cara baru melihat dunia bahwa setiap reaksi adalah cermin kehidupan; setiap unsur adalah bagian dari takdir; dan setiap rumus mengandung jejak Sang Pencipta. **What You Need to Know About Beautiful Nails** Harminder Gill, 2020-09-20 What You Need to Know About Beautiful Nails was written to provide detailed and informative topics on the chemistry of nails for you to carry with you where ever you go. I am hoping that those who wear nail polish have a deeper and better understanding of different types of nail cosmetics. Emphasis of the chemistry of nails should help you make better and informed decisions to live a healthy lifestyle. Current research on science and technology on the chemistry of nails will continue to lead to beautiful and superior results for those who love and enjoy wearing nails and nail polish.

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