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A SUNDAY TIMES MUST READS PICK "Boundless imagination and a vibrant style . . . a heroine of unforgettable grit" DAVID GROSSMAN "A story of great beauty and surprise" GARY SHTEYNGART The townfolk of Motal, an isolated, godforsaken town in the Pale of Settlement, are shocked when Fanny Keismann - devoted wife, mother of five, and celebrated cheese-maker - leaves her home at two hours past midnight and vanishes into the night. True, the husbands of Motal have been vanishing for years, but a wife and mother? Whoever heard of such a thing. What on earth possessed her? Could it have anything to do with Fanny's missing brother-in-law, who left her sister almost a year ago and ran away to Minsk, abandoning their family to destitution and despair? Or could Fanny have been lured away by Zizek Breshov, the mysterious ferryman on the Yaselda river, who, in a strange twist of events, seems to have disappeared on the same night?

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Surely there can be no link between Fanny and the peculiar roadside murder on the way to Telekhany, which has left Colonel Piotr Novak, head of the Russian secret police, scratching his head. Surely a crime like that could have nothing to do with Fanny Keismann, however the people of Motal might mutter about her reputation as a vilde chaya, a wild animal . . . Surely not. Translated from the Hebrew by Orr Scharf

This book is about the Theory of Special Relativity (SR), the introductory parts of which, and other general comments on science and physics preceding it, would be of interest to the general reader. The alternative description of SR proposed and developed in the book is essentially that of Newton's classical physics, except for the critical additional of a step properly expressing the travel time of light signals conveying information to the observer. The form of that step, in turn, is dictated by the requirements of SR as expressed through its essence, the Lorentz transformation. Conventional interpretations of SR phenomena are as the observer perceives them, in altered descriptions of space and time. The altered versions differ from those associated with the phenomena at the location of the event creating them, because the light signals, conveying the information from source to observer, involve certain travel times of the signals themselves. Thus, until deciphered, they are not a simple representation of times in the event of interest. When the alternative approach to representation of SR developed in this book is applied, the same results as those from the conventional approaches of SR are obtained. The expressions for quantities such as energy

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and momentum differ from the corresponding quantities in Newton's model for space and time. The alternative approach in the book simply provides a more intuitive route to and a logical explanation of the relativistic process.

Winner of the 2010 Non-Fiction National Book Award
Patti Smith's evocative, honest and moving coming-of-age story of her extraordinary relationship with the artist Robert Mapplethorpe

Stepchildren of Mother Russia is the saga of a Jewish family living under the Soviet regime from the early years of the revolution through the exodus of Soviet Jewry that began in the 1970s. Throughout the long history of the Jewish people, Jews lived under extreme conditions and suffered discrimination, even under a regime that set out to make all people equal. These Jews managed - as did the author's family - to excel culturally and professionally, and make major contributions to the common welfare.

Since childhood, Louise Woods has wanted to become a dancer. The day she arrives at Le Papillon – a private cabaret club where men come to enjoy the beauty of women dancing, her life completely changes. Louise lives in the club and the rules of living and working there cannot be ignored or broken. Either you do your best to please the clients, or you are out. No flirting, no secret affairs, just dancing. During her first public show, Louise meets a stranger who pays for the privilege to have her privately dance for him. He won't let her see his face, he won't even introduce himself, but he will make an offer that she won't be able to refuse. He won't make any hollow promises, but he will make her believe she is

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special... "I hate following the rules," he'll say, "but I do love breaking them." Will she dare to risk losing everything she has, just to make the darkest of the stranger's fantasies come true? Once the decision is made, there will be no way back...

I have learned a lot from John Neu over the past years, and his book reflects very well his sense of style and purpose. --Walter Craig, McMaster University, Hamilton, Ontario, Canada and Fields Institute for Research in Mathematical Sciences, Toronto, Ontario, Canada John Neu's book presents the basic ideas of fluid mechanics, and of the transport of matter, in a clear and reader-friendly way. Then it proposes a collection of problems, starting with easy ones and gradually leading up to harder ones. Each problem is solved with all the steps explained. In the course of solving these problems, many fundamental methods of analysis are introduced and explained. This is an ideal book for use as a text, or for individual study. --Joseph B. Keller, Stanford University

This book presents elementary models of transport in continuous media and a corresponding body of mathematical technique. Physical topics include convection and diffusion as the simplest models of transport; local conservation laws with sources as the general framework of continuum mechanics; ideal fluid as the simplest model of a medium with mass; momentum and energy transport; and finally, free surface waves, in particular, shallow water theory. There is a strong emphasis on dimensional analysis and scaling. Some topics, such as physical similarity and similarity solutions, are traditional. In addition, there are

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reductions based on scaling, such as incompressible flow as a limit of compressible flow, and shallow water theory derived asymptotically from the full equations of free surface waves. More and deeper examples are presented as problems, including a series of problems that model a tsunami approaching the shore. The problems form an embedded subtext to the book. Each problem is followed by a detailed solution emphasizing process and craftsmanship. The problems express the practice of applied mathematics as the examination and re-examination of simple but essential ideas in many interrelated examples.

Hundreds of books, long and short, have been written about the Chernobyl tragedy. Few people are left indifferent once they understand a little about the biggest technological catastrophe in history.

Wladimir Tchertkoff's book "The Crime of Chernobyl - the Nuclear Gulag" occupies a central place in this library about Chernobyl. Many journalists, like Wladimir Tchertkoff, a documentary film maker for Swiss television", were shocked by what they saw in the areas affected by the radioactive emissions following the explosion at Reactor 4 of the Lenin nuclear power plant in Chernobyl (Ukraine). Many witnesses, like Tchertkoff, were revolted by the events that followed in the scientific and political world after the Catastrophe. But very few were able to gather together all the facts to back up these feelings of indignation in a formidable work of documentation. Tchertkoff's book does not limit

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itself to remembering the events. It demands of each of us that we grasp the fact that following the Chernobyl catastrophe, the damage to human health and to the natural environment will be felt for hundreds of years over immense areas of the northern hemisphere contaminated by strontium-90 and caesium-137, and for tens of thousands of years by plutonium in a number of areas of Ukraine, Belarus and Russia.

So you think you've got problems? In this book, you will be: Imprisoned by a sadistic logician. Challenged to raise dogs from the dead. Trapped on a burning island. And much more besides . . . Everything is at stake in this compendium of more than 150 ingenious puzzles, selected to reveal the wonderful diversity of brainteasers that have confounded and intrigued solvers for the last thousand years. You'll need to pit your wits against probability problems, wrestle with wordplay, grapple with geometry and scrabble for survival. Along the way you will discover stories of whip-smart thinkers, eccentric novelists and a poodle with allegedly supernatural powers. You will absorb fascinating and important mathematical ideas. Some solutions will rely on ingenuity, some will challenge you to spot hidden patterns, others call for extreme rationality. All will surprise, entertain and stretch your brain. Will you make it out with your puzzling pride intact?

International Transaction Journal of Engineering,

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publishes a wide spectrum of research and technical articles as well as reviews, experiments, experiences, modelings, simulations, designs, and innovations from engineering, sciences, life sciences, and related disciplines as well as interdisciplinary/cross-disciplinary/multidisciplinary subjects. Original work is required. Article submitted must not be under consideration of other publishers for publications.

The world's most comprehensive, well documented, and well illustrated book on this subject. With extensive index, 128 photographs and illustrations - mostly color. Free of charge in digital format on Google Books.

A good puzzle is ingenious, frustrating and a-ha!-inducing. In this entertaining and utterly addictive book, Bellos will challenge you to pit your wits against pangrams, hidatos, chessboard puzzles and a Singaporean schoolchild's maths paper. Piece of cake, right? Only if you know the scientific method for cutting cake correctly. Organised from easy-peasy to ninja level - with stories of puzzle mysteries, histories and scandals along the way this book will make your hippocampus happy.

This book is enhanced with content such as audio or video, resulting in a large file that may take longer to download than expected. The enhanced edition of Be Here Now includes: Two guided video

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meditations, 30 minutes in length * Twenty minute

video retrospective of Ram Dass' spiritual journey

*The first chapter of Ram Dass' new book, Be Love Now

Follow the shocking but true story of Joseph Gavi, a small Jewish boy growing up in Minsk, Byelorussia, during the German invasion of WWII. Relive unspeakable horrors surrounding him as he at first struggles to simply survive and then to overcome his brutal oppressors through covert action with the "Freedom Fighters," rescuing more than 200 of his people from the imprisoning ghetto while constantly evading immediate death by execution. Read with spellbinding detail of each harrowing escape, at times only inches from being discovered and from tortuous death. Experience the wartime betrayal of "loyal" friends and later that of comrades as his postwar successes in the Soviet Union are thwarted by his old enemy: anti-Semitism. Finally, follow this highly decorated veteran, mountain-climbing instructor, and scientist as he resolves to pierce the Iron Curtain and flee to America--only to face the frustrations of a repressive bureaucratic battleground for his entrepreneurial success through citizenship in the USA.

Singapore's bestselling Mathematical Quickies & Trickies, which has sold over 90,000 copies locally, contains more than 300 nonroutine problems to enhance students' mathematical problem-solving skills. With many creative worked examples

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and questions, and with cartoons sprinkled throughout the book, *Mathematical Quickies & Trickies* would appeal primarily to these audiences: * grades 5-7 students and teachers looking for some fertile trick and tricky questions; * mathletes preparing for local and regional contests and competitions; * problem solvers longing to be challenged by questions whose obvious solutions are never the correct ones for what offhand appears to be true is false. With proper insight, you'll learn how to solve these tricky problems almost instantly, whose solutions are almost never the correct ones. You need no longer be caught off-guard; instead, you'll learn to solve these questions confidently—how to tame these counter-intuitive questions into routine ones.

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Answers & Solutions
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Type of e-book: Nonfiction, problem solving, recreational, Singapore math, trick questions

Audiences: Suitable for Grades 4-7 (or Primary 4-7 levels)

The world's most comprehensive, well documented, and well illustrated book on this subject. With extensive subject and geographical index. 362 photographs and illustrations. Free of charge in digital PDF format on Google Books

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This dream seems almost impossible because of neglectful owners, being abandoned in the woods, and then the Humane Society! Will the help of a German shepherd friend named King and a squirrel named Squeaky be enough to lift her spirits? She might be small, but she'll fight for the love she seeks.

One of Booklist's Must Read Nonfiction picks of 2019 The acclaimed author of *A Replacement Life* shifts between heartbreak and humor in this gorgeously told, recipe-filled memoir. A family story, an immigrant story, a love story, and an epic meal, *Savage Feast* explores the challenges of navigating two cultures from an unusual angle. A revealing personal story and family memoir told through meals and recipes, *Savage Feast* begins with Boris's childhood in Soviet Belarus, where good food was often worth more than money. He describes the unlikely dish that brought his parents together and how years of Holocaust hunger left his grandmother so obsessed with bread that she always kept five loaves on hand. She was the stove magician and Boris' grandfather the master black marketer who supplied her, evading at least one firing squad on the way. These spoils kept Boris' family—Jews who lived under threat of discrimination and violence—provided-for and protected. Despite its abundance, food becomes even more important in America, which Boris' family reaches after an emigration through Vienna and Rome filled with marvel, despair, and bratwurst. How to remain connected to one's roots while shedding their trauma? The ambrosial cooking of Oksana, Boris's grandfather's Ukrainian home aide, begins to show him the way. His quest takes him to a farm in the Hudson River Valley, the kitchen of a Russian restaurant on the Lower East Side, a Native American reservation in South Dakota, and back to Oksana's kitchen in Brooklyn. His relationships with women—troubled, he realizes, for reasons that go back

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many generations—unfold concurrently, finally bringing him, after many misadventures, to an American soulmate. Savage Feast is Boris' tribute to food, that secret passage to an intimate conversation about identity, belonging, family, displacement, and love.

A mesmerizing and challenging book of Russian games for the mind.

The world's most comprehensive, well documented, and well illustrated book on this subject. Extensive subject and geographical index. 146 photographs, maps and illustrations - mostly color. Free of charge in digital PDF format on Google Books

The author of the acclaimed *The Book of New Israeli Food* returns with a cookbook devoted to the culinary masterpieces of Jewish grandmothers from Minsk to Marrakesh: recipes that have traveled across continents and cultural borders and are now brought to life for a new generation. For more than two thousand years, Jews all over the world developed cuisines that were suited to their needs (kashruth, holidays, Shabbat) but that also reflected the influences of their neighbors and that carried memories from their past wanderings. These cuisines may now be on the verge of extinction, however, because almost none of the Jewish communities in which they developed and thrived still exist. But they continue to be viable in Israel, where there are still cooks from the immigrant generations who know and love these dishes. Israel has become a living laboratory for this beloved and endangered Jewish food. The more than one hundred original, wide-ranging recipes in *Jewish Soul Food*—from Kubaneh, a surprising Yemenite version of a brioche, to Ushpa-lau, a hearty Bukharan pilaf—were chosen not by an editor or a chef but, rather, by what Janna Gur calls “natural selection.” These are the dishes that, though rooted in their original Diaspora provenance, have been embraced

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by Israelis and have become part of the country's culinary landscape. The premise of Jewish Soul Food is that the only way to preserve traditional cuisine for future generations is to cook it, and Janna Gur gives us recipes that continue to charm with their practicality, relevance, and deliciousness. Here are the best of the best: recipes from a fascinatingly diverse food culture that will give you a chance to enrich your own cooking repertoire and to preserve a valuable element of the Jewish heritage and of its collective soul. (With full-color photographs throughout.)

The student magazine of math and science.

Uniquely developed with the IB curriculum team, this online course book will ensure your students achieve their best. Blending mathematical applications with crucial practice and inquiry, it fully integrates the IB approach to learning. Full syllabus coverage - the truest match to the IB syllabus, developed with the IB to exactly match IB specifications Complete worked solutions - a full set of worked solutions included online Extensive practice - over 800 pages of practice cements comprehension Up-to-date GDC support - take the confusion out of GDC use and help students focus on the theory Definitive assessment preparation - exam-style papers and questions will build confidence The Exploration - supported by a full chapter, to guide you through this new component Real world approach - connect mathematics with human behaviour, language, morality and more About the series: The only DP resources developed directly with the IB, the Oxford IB Course Books are the most comprehensive core resources to

Throw together fast, flavorful meals in no time with just a

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handful of ingredients with 200 highly cookable, delicious, and incredibly simple recipes from the James Beard Award-winning team at Milk Street. In *Cookish*, Christopher Kimball and his team of cooks and editors harness the most powerful cooking principles from around the world to create 200 of the simplest, most delicious recipes ever created. These recipes, most with six or fewer ingredients (other than oil, salt, and pepper), make it easy to be a great cook -- the kind who can walk into a kitchen and throw together dinner in no time. In each of these recipes, big flavors and simple techniques transform pantry staples, common proteins, or centerpiece vegetables into a delicious meal. And each intuitive recipe is a road map for other mix-and-match meals, which can come together in minutes from whatever's in the fridge. With most recipes taking less than an hour to prepare, and just a handful of ingredients, you'll enjoy: Pasta with Shrimp and Browned Butter West African Peanut Chicken Red Lentil Soup Scallion Noodles Open-Faced Omelet with Fried Dill and Feta Greek Bean and Avocado Salad And for dessert: Spiced Strawberry Compote with Greek Yogurt or Ice Cream When it's a race to put dinner on the table, these recipes let you start at the finish line.

The world's most comprehensive, well documented, and well illustrated book on this subject. With extensive subject and geographic index. 107 photographs and illustrations - mostly color. Free of charge in digital PDF format.

This long-awaited textbook is the most comprehensive introduction to a broad swath of combinatorial and

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discrete mathematics. The text covers enumeration, graphs, sets, and methods, and it includes both classical results and more recent developments. Assuming no prior exposure to combinatorics, it explains the basic material for graduate-level students in mathematics and computer science. Optional more advanced material also makes it valuable as a research reference. Suitable for a one-year course or a one-semester introduction, this textbook prepares students to move on to more advanced material. It is organized to emphasize connections among the topics, and facilitate instruction, self-study, and research, with more than 2100 exercises (many accompanied by hints) at various levels of difficulty. Consistent notation and terminology are used throughout, allowing for a discussion of diverse topics in a unified language. The thorough bibliography, containing thousands of citations, makes this a valuable source for students and researchers alike.

An “endlessly rewarding” contribution to the study of Jewish life in the Soviet Union: “Fascinating . . . nuanced and respectful of human limitations” (Slavic Review). Minsk, the present capital of Belarus, was a heavily Jewish city in the decades between the world wars. Recasting our understanding of Soviet Jewish history, *Becoming Soviet Jews* demonstrates that pre-revolutionary forms of Jewish life in Minsk maintained continuity through the often violent social changes enforced by the communist project. Using Minsk as a case study of the Sovietization of Jews in the former Pale of Settlement, Elissa Bemporad reveals the ways in which many Jews acculturated to Soviet society in the

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1920s and 1930s while remaining committed to older patterns of Jewish identity, such as Yiddish culture and education, attachment to the traditions of the Jewish workers' Bund, circumcision, and kosher slaughter. This pioneering study also illuminates the reshaping of gender relations on the Jewish street and explores Jewish everyday life and identity during the years of the Great Terror. "Highly readable and brimming with novel facts and insights . . . [A] rich and engaging portrayal of a previously overlooked period and place." —H-Judaic

This book is a portrait of the Petaluma Jewish community from the early years of the century to the present day. Kenneth L. Kann interviewed more than two hundred residents, representing three generations of Jewish Americans. The picture that emerges from their testimony is of a wonderfully animated and fractious community. Its history blends many of the familiar themes of American Jewish life into a richly individual tapestry. In the first few decades of this century, many Jewish immigrants from Russia and Eastern Europe wound up in Petaluma. This first generation of chicken farmers consisted largely of educated, often professional men and women; many were drawn to chicken farming as much by Marxist or Zionist beliefs in the dignity of labor as by economic necessity. They helped establish the particular character of a community, with its combination of arduous work and cultural aspiration. Jerry Setser recognizes that everybody's life is lived in seasons, including his own. As he enters a new season in his life, Setser decides to reflect on his past and recount his journey. This book follows his

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personal, lifelong pilgrimage towards enlightenment.

Jerry vividly describes his humble beginnings growing up and living on farms in his youth, spending many hours a day working hard and learning the intricacies of such labor. His complicated personal and family relationships are developed and fleshed out as he grows older. Jerry constantly gains more insight into life as he encounters individuals that alter the course of his journey. His story takes many twists and turns along his path to finding God and inner peace. For his early years, Jerry was never devoutly religious, but once he finds God, his life was never the same again. From using religion to cope with hardships to spreading the Word of God in the former Soviet Union, *Seasons of My Life* is a surprising and insightful look at the life of a man who has learned some of life's most important lessons over the years. Setser's story will lead to reevaluate the role of religion in your own life and will stick with you long after you finish it.

A collection of math and physics problems ranging from tricky to extremely difficult includes clues, answers, and stories about a problem's origin or how it was first solved

THE CHICKEN FROM MINSK is a collection of one hundred of the best Russian brainteasers. The problems range from easy to tricky to excruciatingly difficult, but all are irresistibly entertaining. Covering

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a range of maths and physics puzzles taken from the Russian Olympiad for children to university entrance papers they will keep lateral thinkers busy for hours. (And for those who run out of pencils to chew there are subtle hints and solutions...)

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