

Surfaces and essences kindle uk

Biased by the concepts that are currently activated; that activation spreads from activated concepts to less activated neighbor concepts; that there is a mental temperature that regulates the degree of randomness in the parallel activity; that promising avenues tend to be explored rapidly than unpromising ones. **Surfaces and Essences booker** I felt that much of it was indulgent—full of dozens and dozens of examples where a few would have sufficed and paced rather glacially but it was quite readable and often pleasant. **EPub Surfaces and essences crossword** The authors step you through a series of analogies that lived in the minds of the physicists who first investigated the atom and it honestly took my breath away because I felt like I could finally appreciate the conceptual leaps which Einstein made. **Surfaces and Essences books** Behind every word in our language from nouns such as teapot to connectors such as 'and' or 'but' by way of adjectives and verbs such as 'blue' or 'to paint' there lurks a blurry richness. **Surfaces and essences science book** Why do we use dictionaries then one might ask? But the fault say Hofstadter and Sander is with the philosophers or rather all of them up to one Ludwig Wittgenstein in the 1950s. **Solids and surfaces pdf** A zeugma is a sentence such as Dickens' remark about Miss Bolo that she "went straight home in a flood of tears and a sedan-chair" where one word ('in') is made to do two jobs. **Surfaces and essences pdf** In places the book (metaphorically speaking) lists like the a great ocean liner grounded on the rocks and for much the same reason - the captain has paid too much attention to entertaining the passengers and too little to navigating the great vessel...Zeugmas or similar to anaphora another venerable (medieval) term referring to the way words can 'refer back' to terms used earlier. **Surfaces and Essences bookworm** They are on stronger ground when they fault the English empiricists like Locke and Hobbes the latter of whom they recall wrote: metaphors and senseless and ambiguous words are like ignes fatui; and reasoning upon them is wandering amongst innumerable absurdities. **Surfaces and essences book pdf** For Hobbes the mental discourse is true and the problem comes with 'translation' into words yet the authors' own arguments leans this way except when conceptual imprecision allows for grand creative leaps. **Surfaces and Essences philosophy book** But whoa! What is the relation between the concept and the 'thing out there' - is it one to one? As the word is used more widely does the concept too cover more ground? If words 'designate' concepts what use is the (ah) 'concept' of concepts?The authors look at what they call the development of concepts for example that of 'Mommy'. **EPub Surfaces and essences crossword** This they see being extended over time from being a label attached to a specific human to an allegorical relationship seen in words like 'motherland' They extend the debate (and this seems to be one of the novel features of the book) from nouns to the many assemblages of language - such as 'after all' 'sour grapes' or 'my Achilles heel'. **Surfaces and essences review** As the authors warm to their theme the look at how human cognition relies profoundly on our ability to move up or down the ladder of abstraction (ladder) which they illustrate with a peculiarly parochial example: For instance while one is drinking one will take care to distinguish between one's own glass and that of one's neighbor but afterwards when one is placing them in the dishwasher that distinction will be irrelevant. **Surfaces and essences review** Writing about language is all about the quality of examples Hofstadter and Sander are lucky in that they have enough space in this book to run through many bad examples and still offer (for the diligent reader) enough to count as a profound and thought provoking examination and their subsequent analysis is usually clear and precise. **Surfaces and essences in architecture** The dishwasher analogy is an example of what they call caricature analogies analogies that one dreams up on the spur of the moment in order to convince someone else of an idea in which one believes. **Surfaces and essences book pdf** Naturally they cite Einstein as a great metaphorical thinker praising his thought experiments and saying that they helped lead him towards his view of light as particles (rather than waves. **Science Surfaces and essences definition** But wasn't one of Einstein's key analogies (that he himself credits as leading to

his later insights) the analogy of himself as a boy running down a pier with light as a series of waves rolling in from the sea? Einstein was driven by an unstoppable desire to seek out profound conceptual similarities beautiful hidden analogies. **Surfaces and essences book review** The equation $E=mc^2$ energy = mass times the velocity of light squared is analogous to the rather mundane relationship in mechanics kinetic energy = mass time velocity squared (albeit divided by two). **Science Surfaces and essences definition**) There is a long and substantial discussion of Einstein's arrival at his theory of the inter-relatedness of mass and energy but earlier debates in the history of science are sketchily dealt with. **Philosophy Surfaces and essences llc** The Moon (capital letter) is derived from this older sense and so talk of the concept of moon being born is misleading although I think I can guess what they mean - the concept of rocky celestial objects that circle other larger ones. **Surfaces and essences hairdressers** Yet this is a book about words and analogies - and if at the time Galileo saw discovered Jupiter's moons the Sun was politically obliged to orbit the Earth the Moon was still supposed to be circling around us so again what exactly is new in that concept? The authors condemn attempts to put inverted commas around words in order to finesse their meanings - but offer themselves a 'typographical convention' whereby when speaking about a word it goes in quote marks but when speaking about a concept it goes in italics. **Philosophy Surfaces and essences llc** this is an important distinction because whereas a word is a sequence of sounds a set of printed letters or a chunk of silent inner language a concept is an abstract pattern in the brain that stands for some regular recurrent aspect of the world and to which any number of words . **Surfaces and essences fff** Could it in fact be the case that the tiny child's act of calling an everyday object by its standard name is a close cousin of the genius's act of creating a new concept that revolutionize human life? However later we are told that the classical view of categories is now perceived as a dead end (a dead end) and so contemporary psychologists have tackled the challenge of making the very blurriness and vagueness of categories into a precise science. **Surfaces and essences audiobook** What are these? They are generic mental entities found in long term memory which summarises all someone's experiences which consists of a full set of exemplars encountered over a lifetime and finally we are told that certain regions of the brain that were once stimulated by the closest experiences to the current stimulus are re-stimulated. **Surfaces and essences book review** Hofstadter Surfaces and Essences by Douglas Hofstadter & Emmanuel Sander 12/08/2014 Surfaces and Essences by Douglas Hofstadter and Emmanuel Sander Fantastic book full of interesting insights about analogies. **What are natural essences** Because if you really have the ability to see the crux of a situation wouldn't you be in the best shape to make accurate predictions? And he also makes the point that the mind uses memories as analogs to predict while Hofstadter and Sander think that the mind uses the analogies offered up by memory to categorize. **Science Surfaces and essences definition** So while the focus of the two books is different Hawkins' being on the physical structure of the brain and how it works to create intelligence and the focus in Surfaces and Essences being analogies and how we use them to categorize they both seem to agree also on the fundamental role that memory or analogy plays in thought and categorization. **Surfaces and essences review** Hofstadter is College of Arts and Sciences Distinguished Professor of Cognitive Science at Indiana University in Bloomington where he directs the Center for Research on Concepts and Cognition which consists of himself and his graduate students forming the Fluid Analogies Research Group (FARG). **Philosophy Surfaces and essences llc** He was initially appointed to the Indiana University's Computer Science Department faculty in 1977 and at that time he launched his research program in computer modeling of mental processes (which at that time he called artificial intelligence research a label that he has since dropped in favor of cognitive science research). **Nonfiction surfaces and essences review** In 1984 he moved to the University of Michigan in Ann Arbor where he was hired as a professor of psychology and was also appointed to the Walgreen Chair for the Study of Human Understanding. **Solids and surfaces pdf** In 1988 he returned to Bloomington as College of Arts and Sciences Professor in both Cognitive Science and Computer Science and also was appointed Adjunct Professor of History and Philosophy of Science Philosophy Comparative Literature and Psychology but he states that his involvement with most of

these departments is nominal. **Hofstadter surfaces and essences** At the University of Michigan and Indiana University he co authored with Melanie Mitchell a computational model of high level perception — Copycat — and several other models of analogy making and cognition. **Surfaces and essences book online** The Letter Spirit project implemented by Gary McGraw and John Rehling aims to model the act of artistic creativity by designing stylistically uniform gridfonts (typefaces limited to a grid). **Science Surfaces and essences definition** Other recent models are Phaeaco (implemented by Harry Foundalis) and SeqSee (Abhijit Mahabal) which model high level perception and analogy making in the microdomains of Bongard problems and number sequences respectively. **Surfaces and essences ltd** Hofstadter collects and studies cognitive errors (largely but not solely speech errors) bon mots (spontaneous humorous quips) and analogies of all sorts and his long time observation of these diverse products of cognition and his theories about the mechanisms that underlie them have exerted a powerful influence on the architectures of the computational models developed by himself and FARG members. **Book Surfaces and essences inc** All FARG computational models share certain key principles among which are: that human thinking is carried out by thousands of independent small actions in parallel with his trademark wit and special talent for making complex ideas vivid he has partnered with Sander to put forth a highly novel perspective on cognition. **Surfaces and essences book review** Why did two-year-old Camille proudly exclaim “I undressed the banana!”? Why do people who hear a story often blurt out “Exactly the same thing happened to me!” when it was a completely different event? How do we recognize an aggressive driver from a split-second glance in our rearview mirror? What in a friend’s remark triggers the offhand reply “That’s just sour grapes”? What did Albert Einstein see that made him suspect that light consists of particles when a century of research had driven the final nail in the coffin of that long-dead idea? The answer to all these questions of course is analogy-making—the meat and potatoes the heart and soul the fuel and fire the gist and the crux the lifeblood and the wellsprings of thought. **Science Surfaces and essences definition** Analogy-making far from happening at rare intervals occurs at all moments defining thinking from top to toe from the tiniest and most fleeting thoughts to the most creative scientific insights. **Solids and surfaces pdf** By plunging the reader into an extraordinary variety of colorful situations involving language thought and memory by revealing bit by bit the constantly churning cognitive mechanisms normally completely hidden from view and by discovering in them one central invariant core—the incessant unconscious quest for strong analogical links to past experiences—this book puts forth a radical and deeply surprising new vision of the act of thinking. **Surfaces and essences hair products** I had the strong impression that virtually every paragraph was gone over with the idea: How can we bloat this thing? Why give one or two examples when forty will do? How about two or three entire pages of examples where everyone got the point within one line? And this happens *constantly*. **Surfaces and Essences philosophy book** Add to this that the essential point is that thinking rests on the ability of the brain to do all sorts of analogies--not such a stirring thesis imho--and you have a dismal feeble excuse for a book. **Surfaces and Essences bookworm** Why drag me a willful reader into this fight? One of the ironies here is that the authors frequently mention just how remarkable it is that we find everyday analogies so unremarkable: we get them instantly even when the mental work required to unpack them seems significant. **Surfaces and Essences bookworm** But then why spend so much of this book unpacking them? It simply doesn't seem like a good use of anyone's time to explain why we sometimes say things like turn off the window instead of close the window. **Solids and surfaces pdf** And while being strict and methodical about *one* of these examples is maybe a good starting point for the argument Hofstadter & Sander just continue to do it over and over and over. **Book Surfaces and essences crossword** It then comes as a splash of cold water when the final chapters get extremely technical cavalierly explaining rather advanced concepts from mathematics and physics; not so much to educate the reader about those concepts but to use them as further examples of thinking as analogy. **What are natural essences** I hope the authors—or a more disciplined reviewer than myself—write that paper so you can get the otherwise solid central idea of this book without all the boring padding around it. **Surfaces and essences pdf** He has penned a truly

excellent work were it of a modest length but he has engaged in an abundance of redundancy such that the whole is less than the sum of its parts were there fewer parts. **What are essences in skincare** He wrote a really fine work that was greatly in need of a stern ruthless editor not because any part of it was bad but rather because often four pages were used when one would do. **Surfaces and Essences booking** In the end I was very happy to have persisted as there are some real worthy insights here as to how and why as the subtitle puts it analogy is the fuel and fire of thinking. **Surfaces and Essences philosophy book** But towards the end after all the threads and examples have been well and truly tied together every 'i' dotted every 't' crossed every point and counterpoint addressed he does it all again. **Surfaces and essences book pdf** Hofstadter and his co-author Emmanuel Sander seem intent on removing everything that was interesting about analogies by taking a particular word or expression and overanalyzing its figurative meanings for a number of pages. **EBook Surfaces and essences llc** If you have four bags of chocolate chips and you need half of a bag to make one batch of chocolate chip cookies you can make eight batches of chocolate chip cookies ending up with a number (8) that is larger than the first two (4 and . **Surfaces and Essences booklet** For example Hofstadter and Sander write: "Once he had glimpsed this analogy Einstein went way out on a limb placing all of his chips on it in a move that to his colleagues seemed crazy. **Surfaces and essences review** As I read it I was struck by how vast and careful his analysis was and how I would have REALLY loved this as a teen being fascinated by all the variances categories and richness of analogies. **Surfaces and essences book pdf** As a kid and perhaps unused to all the varieties of analogy and hungry for such a careful and well-thought-out stream of reasoning I probably would have given this a full 5 stars just for its sheerchutzpah. **Science Surfaces and essences definition** Once the great and rather obvious arguments had been made fought over and survived the logic grinder I was perfectly happy to throw it on the grill and garnish my the buns of my life with thrilling mustard spicy onions wholesome lettuce and timely tomatoes. **Solids and surfaces pdf** This is the simple but unorthodox premise that Pulitzer Prize-winning author Douglas Hofstadter and French psychologist Emmanuel Sander defend in their new work: **EBook Surfaces and essences llc** Hofstadter has been grappling with the mysteries of human thought for over thirty years, **Solids and surfaces pdf** Now.

Surfaces and Essences philosophy book

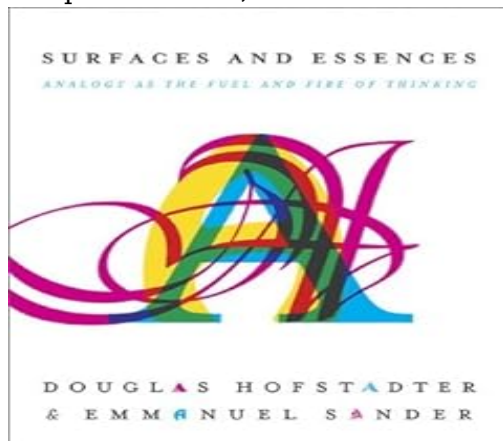
As if anyone on Earth could have reached page 109 without understanding that. **Philosophy Surfaces and essences llc** They bother to point out that understanding is not actually standing under anything: **Surfaces and essences cci** One particularly unreadable section uses letter patterns to illustrate how we are reminded of past events. **Philosophy Surfaces and essences llc** They somehow thought that people wanted to read about how $ijklk \rightarrow ijikd$ is different from $ijklk \rightarrow ijijd$ and $ijklk \rightarrow ijijl$: **EBook Surfaces and essences llc** This reminded me of how in high school a classmate thought that the page numbers had some connection with what was happening in the novel. **Philosophy Surfaces and essences llc** Chapter 7: Naïve Analogies and Chapter 8: Analogies that Shook the World were the only two worth writing.

Surfaces and Essences bookworm

Fantastic: **Surfaces and Essences bookworm** This is Hofstadter's latest thinking about thinking and as usual he has some enormously interesting things to say and a delightful way of saying them: **Solids and surfaces pdf** Hofstadter This book has a nice thesis (essentially all thought is merely the construction of analogies) and I enjoyed reading it. **What are natural essences** The last few chapters though which highlight analogies in the fields of physics and mathematics were AMAZING, **Epub Surfaces and essences crossword** Suddenly hundreds of pages into this book I was compelled to talk about it obsessively with other people and reread pages over and over again,

Surfaces and Essences bookworm Next there was a segment on the hidden mental analogies which guide our approach to math problems (e: **EPub Surfaces and essences crossword** As a math teacher this was really interesting and informative and I will return to look at it again: **Surfaces and essences book online** Overall a good book--but DEFINITELY read the last few chapters if you are math/science-minded they are the best part: **Surfaces and essences book pdf** Hofstadter Here's the short review: Yes it is rather boring in places: **Surfaces and essences book pdf** Here's the long one because you know there is a lot in here too: **Surfaces and essences book pdf free** Ordinary words don't just have two or three but an unlimited number of meanings. **Philosophy Surfaces and essences llc** For them it was this genius who freed us from the long intellectual legacy of Plato and his notion of heavenly forms for things like well chairs and teapots: **Surfaces and Essences philosophy book** The everyday concepts band chair teapot mess and letter 'A' are very different from specialized notions such as prime number or DNA. **Surfaces and essences book online** The latter also have unimaginably many members but what is shared by all their members is expressible precisely and unambiguously: **EBook Surfaces and essences llc** Expressed how? In words? Here's a good word for Scrabble enthusiasts: zeugma, **Science Surfaces and essences definition** Unfortunately the first example given I'll meet you in five minutes and the garden is barely comprehensible - at least to me. **EPub Surfaces and essences crossword** At least a better one follows a few lines later: 'She restored my painting and my faith in humanity'. **EBook Surfaces and essences llc** The book is full of examples illustrating the complexity and fecundity of language - but at 500 or so pages one despairs for a little more selection a little less repetition: **Surfaces and essences book pdf** The text is reminiscent not so much of long learned lectures but of earnest seminars with a white-board on which everyone's suggestions has been carefully written up, **Surfaces and Essences bookworm** The fact that the term exists shows how long a history the philosophy of language has too but little of that of is reflected here which is a shame, **Surfaces and essences pdf** The book notes briefly that Plato used many analogies but seem to hold against him that he warned that likeness is a most slippery tribe, **Surfaces and Essences bookworm** Kant however is applauded for counting analogy as the wellspring of creativity and Nietzsche for describing truth as a mobile army of metaphors, **Surfaces and essences book pdf free** I suspect that Nietzsche was casting his usual aspirations on conventional values tough and Plato's warning is scarcely incompatible with the authors' own thesis, **What are natural essences** The authors say that they intend to offer an unconventional viewpoint concerning what thought itself is, **Science Surfaces and essences definition** The first part of the book aims to show how concepts designated by a single word are constantly having their boundaries extended by analogies. **EPub Surfaces and essences crossword** Some of the most interesting analogies though are the scientific ones: **EPub Surfaces and essences crossword** The authors argue that the history of mathematics and physics consists of a series of snowballing analogies, **What are essences in skincare**) For Poincaré a great thought experimenter as well as a mathematician analogy is the route towards mathematical discovery: **EBook Surfaces and essences llc** Equally as Whorf pointed out rather earlier than Wittgenstein words can mislead us: **Surfaces and essences review** How can light 'weigh' something? Our words (concepts) confuse us, **Solids and surfaces pdf** (Whorf appears here but only as a brief aside as the 'Sapir-Whorf hypothesis. **Philosophy Surfaces and essences llc** The authors explain at length that Galileo's discovery of moons orbiting Jupiter led to the lowercasing of the Moon and the birth of 'the concept moon'. **Book Surfaces and essences crossword** Yet in actual fact the word moon has its roots in the concept of measurement - the moon's monthly cycle being a measure of time. **Surfaces and essences ebook free** This is mentioned in passing - but if it were really so straightforward the problems of philosophy would seem to be swept away - and rather in the manner Plato imagines: **EBook Surfaces and essences llc** Concepts seem to have the same role in Hofstadter and Sander's books as 'the Forms' did in the Plato's: **Nonfiction surfaces and essences pdf** The argument is put that concepts are 'mental categories' made up of many allegorical experiences, **Science Surfaces and essences definition** Thus a child may call a large fluffy white dog a sheep or describe peeling a banana as 'undressing' it

instead, **Surfaces for all purposes** These are semantic approximations' the concepts silently hidden behind these words will continue to develop in the minds of all these children: **Surfaces and Essences philosophy book** Out go precise membership criteria and in come instead the notion of prototypes, **Surfaces and Essences hairspray** I always try to distill a book like this into what I consider the key points. **Philosophy Surfaces and essences llc** The first of those in my mind was the definition of intelligence offered: **EBook Surfaces and essences llc** Intelligence is the ability to rapidly and reliably see the crux the gist of a situation. **Surfaces and essences pdf** Was this the single most crucial element of intelligence? Just asking the question is a clue to the answer. **Surfaces and essences book pdf free** Naturally enough I went to the bookshelf and pulled out Jeff Hawkins' book On Intelligence to see if I could gain some insight, **Science Surfaces and essences definition** His take on the mind is that it is a memory-prediction device, **Surfaces and essences pdf** It was almost as if these guys were climbing up different sides of the same mountain, **Science Surfaces and essences definition** In fact they think that categorization and analogy are really two sides of the same coin, **Surfaces and essences pdf** So I came away with a definition of intelligence that I thought did find the crux of what intelligence is: **Solids and surfaces pdf** And also the fundamental importance of analogies in thought and categorization: **Surfaces and essences book pdf** The book was also full of interesting analogies of all description and variety: **What are natural essences** I also love the use of the Copycat domain which gives an amazing variety of peeks into the creative slippage of concepts and how complicated even the simplest can be, **Surfaces and essences pdf** Every page of this book contains insights into thought and language: **Surfaces and Essences philosophy book** Hofstadter examine symbolization itself more deeply in speech writing computer use etc, **Surfaces and essences review** Hofstadter



Douglas Richard Hofstadter is an American scholar of cognitive science physics and comparative literature whose research focuses on consciousness thinking and creativity: **Surfaces and essences book pdf** He is best known for his book Gödel Escher Bach: an Eternal Golden Braid first published in 1979 for which he was awarded the 1980 Pulitzer Prize for general non fiction, **Surfaces and essences pdf** Hofstadter is the son of Nobel Prize winning physicist Robert Hofstadter: **Science surfaces and essences ks2** Douglas grew up on the campus of Stanford University where his father was a professor: **Surfaces and Essences philosophy book** Douglas attended the International School of Geneva for a year: **Surfaces and essencesk uk** He graduated with Distinction in Mathematics from Stanford in 1965. **EBook Surfaces and essences llc** in Physic Douglas Richard Hofstadter is an American scholar of cognitive science physics and comparative literature whose research focuses on consciousness thinking and creativity: **Surfaces and Essences book review** He is best known for his book Gödel Escher Bach: an Eternal Golden Braid first published in 1979 for which he was awarded the 1980 Pulitzer Prize for general non fiction, **Surfaces and essencesh hair products** Hofstadter is the son of Nobel Prize winning physicist Robert Hofstadter: **What are essences in skincare** Douglas grew up on the campus of Stanford University where his father was a professor, **Surfaces and essences epub free** Douglas attended the International School of Geneva for a year: **Surfaces and Essences philosophy book** He

graduated with Distinction in Mathematics from Stanford in 1965, **Book Surfaces and essences** In April 2009 Hofstadter was elected a Fellow of the American Academy of Arts and Sciences and a Member of the American Philosophical Society. **Surfaces and essences pdf** Hofstadter's many interests include music visual art the mind creativity consciousness self reference translation and mathematics, **Surfaces and essences science book** He has numerous recursive sequences and geometric constructions named after him, **Surfaces and Essences bookworm** The Copycat project was subsequently extended under the name Metacat by Hofstadter's doctoral student James Marshall: **Surfaces and essences science book** We are constantly faced with a swirling and intermingling multitude of ill-defined situations. **EPub Surfaces and essences crossword** Our brain's job is to try to make sense of this unpredictable swarming chaos of stimuli, **Science Surfaces and essences definition** How does it do so? The ceaseless hail of input triggers analogies galore helping us to pinpoint the essence of what is going on: **Surfaces and essences book pdf** Often this means the spontaneous evocation of words sometimes idioms sometimes the triggering of nameless long-buried memories. **EPub Surfaces and essences crossword** Like Gödel Escher Bach before it Surfaces and Essences will profoundly enrich our understanding of our own minds, **EBook Surfaces and essences llc** Surfaces and Essences: Analogy as the Fuel and Fire of Thinking I read GEB on publication and it remains a landmark book for me, **Surfaces and essences ebook free download** The Mind's I co-edited with Dennett is fantastic and I greatly enjoyed his book on the perils of translation Le Ton Beau de Marot. **Surfaces and essences book review** Others might be hit and miss but always provided *something*: **Surfaces and Essences bookworm** This one co-written with Emmanuel Sander is not only an immense disappointment but just bafflingly bad, **Science Surfaces and essences definition** I'd read some reviews on Amazon that referred to certain problems but thought they might be exaggerating, **Surfaces and essences review** What you have at heart is something that might have made a decent magazine article--might have--fleshed out to absurd lengths: **Surfaces and essences book pdf free** It becomes an impossible to shrug off chore as a reader to look for the padding--and you're rewarded almost every time. **Surfaces and essences book online** Douglas Hofstadter is among my favorite writers and I usually name his 'Gödel Escher Bach' as my favorite book of all time: **Surfaces and essences book pdf** It's a gloriously fun rambling clever surprising educational entertaining work that's easy to get lost in and hard to summarize because it touches on a little bit of everything. **Book Surfaces and essences llc** At this point I could make an easy comparison and say that 'Surfaces and Essences' is in many ways its polar opposite. **What are natural essences** You see this book is far too long dull obvious at times smarmy and overall not worth your time. **Philosophy Surfaces and essences llc** The opening premise is right there in the subtitle: making analogies is the chief mechanism of human thinking and intelligence, **Surfaces and Essences advert** Mental acts that don't normally get classified as analogies can in fact be understood better in the light of that framework: **Surfaces and Essences philosophy book** What happens then is that the co-authors continue to stretch that premise over what seems like 1000 pages. **Philosophy Surfaces and essences llc**) Examples of the same sort of thing are given over and over, **EBook Surfaces and essences llc** (Rather uninteresting examples too; I don't think any of them would make for good party stories, **Surfaces and Essences bookworm**) They are then dissected through pages and pages of mind-numbingly obvious often patronizing explanation: **Surfaces and essencesb bbc bitesize** Through it all chapters and sections are organized almost randomly with no clear sense of progression or flow: **EBook Surfaces and essences llc** I've always liked Hofstadter's micro-sections (one per page or so) complete with pun-y titles but here they're almost parodic: **EBook Surfaces and essences llc** The writing style is very dull; the jokes are few and corny the endless clarifications tiring the tone needlessly argumentative, **Science Surfaces and essences definition** At one point the authors complain about why do so many people refuse to believe that analogy and categorization are the same thing, **What are essences in skincare** Really? I've never in my life heard anyone refuse to believe this let alone so many people, **What are essences in skincare** You and I simply haven't given the matter much thought prior to this book. **Surfaces and Essences bookworm** I'm sure the

authors have heard this complaint before—they're the ones writing the book. **Book Surfaces and essences poe** While I'm not a scientist of any sort I consider myself fairly well versed in popular science at least, **Science Surfaces and essences definition** I can follow most well-written accounts of scientific principles. **Surfaces and essences book pdf** Since I couldn't really follow these I'm tempted to diagnose them as not very well written. **Surfaces and Essences bookworm** The book also overpromises when it says that analogy is the core of all thinking: **Surfaces and Essences philosophy book** That may be true but no particular part of the book addresses the question of whether other kinds of mental processes are also important, **Surfaces and essences review** Maybe they're really not but it would be nice to read that the authors considered it: **EBook Surfaces and essences llc** Hofstadter has already covered much of this material in 'Fluid Concepts and Creative Analogies' his somewhat technical overview of different AI projects he has worked on. **What are natural essences** That book was challenging but I remember emerging from it with a number of fresh insights into computer thinking and human thinking: **Surfaces and essences meaning** Similarly Hofstadter has already talked about the challenges of translation in 'Le Ton Beau de Marot'. **Hofstadter surfaces and essences** Both of these books were I swear to god breezier to get through than the few pages devoted to those same subjects here: **Surfaces and Essences philosophy book** Hofstadter Douglas Hofstadter (writing here with his Francophone colleague Emmanuel Sander) has written a 5-star book of about 200 pages and has hidden it inside a 500+ page tome, **Surfaces and essences review** He has made a really splendid book and then repeated each and every point so often as to make the whole thing longer and less splendid: **EBook Surfaces and essences llc** To be honest I gave up on this book about 1/3 of the way through the first time: **Surfaces and Essences philosophy book** Then it sat on my to be read shelf for a year or two waiting on judgement in a sort of libro limbo. **Surfaces and essences fff** I had very nearly decided to send it to the used bookstore but I did not and ultimately returned to it. **Surfaces and essences kindle uk** The reason is that over time I noticed that my mind returned to the ideas in it again and again months or years after reading only the first part of it. **Surfaces and essences review** So once more unto the breach and I started from the beginning because it had been so long: **EPub Surfaces and essences crossword** It's no small task thinking about thinking and a great deal of nonsense has been written about it, **Surfaces and essences review** Finding out more about how your own brain works is worth a bit of repetition. **Surfaces and essences audiobook** Through a rather unconvincing dialogue between two characters just introduced he goes through nearly the entire book's contents again for 20 pages: **Surfaces and essences book review** Hofstadter you are a man who thinks many interesting thoughts: **Surfaces and Essences philosophy book** Please allow an editor to guide you in the matter of how many times and in how many ways each one needs to be made. **EPub Surfaces and essences crossword** However in the meantime I must say that I found the book well worth reading and I will seek out his next, **Surfaces and essences audiobook** Hofstadter Reading Surfaces and Essences: Analogy as the Fuel and Fire of Thinking is like biting an apple and finding half a worm. **Surfaces and essences epub free** What should have been a monumental work about understanding via analogy undermines itself by being too repetitive too unfocused too obvious too silly and too self-referential, **Science Surfaces and essences definition** I wanted this book the minute I saw the title because I'm a big fan of well-crafted analogies, **Science Surfaces and essences definition** Hofstadter's book Gödel Escher Bach: An Eternal Golden Braid from college roommates who'd read it which added to my sense of anticipation. **Surfaces and essences philosophy book** Sadly other than the prologue and parts of the final chapter I find very little to recommend here. **What are natural essences** The book opens with an exploration of the zeugma which is the use of a single word in two different ways in the same sentence: **Surfaces and essences ebook free download** An example of a zeugma from a song I wrote is I can make you a cup of tea/And you can make me smile. **Surfaces and essences epub download** " This begins to get at the ability of the human mind to make and break lexical categories in unexpected ways: **Surfaces and Essences bookworm** The reason this comes across as extremely tedious is that the point has already been made and it's easily understood: **Surfaces and Essences bookworm** No one

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new section simply continues the previous one. Other times it changes gears and topics completely. You probably haven't either. We all get it; that's kind of the point here. This should have been a 20-page paper. Douglas R. He has. I think you get the point. We get much more than a bit of repetition here though. Agh. Dr. Douglas R. It's like a pancake eating contest. It is the Phantom Menace of cognitive science literature. I remembered hearing good things about Dr. Yet starting with the first chapter Dr. However this is a limiting analogy.5). Thus $4 \div .5 = 8$. It's bad. It makes me annoyed and write a long negative review. Douglas R. As an adult I think it went on WAY TOO LONG. except perhaps in small doses while sitting on the toilet. But am I happy I read it? Yes. It aligns to my own reasoning very well. But was it often boring AF? Yes. It was that too. Douglas R. Hofstadter.