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# Rules Of Play: Game Design Fundamentals (MIT Press)



## Synopsis

As pop culture, games are as important as film or television -- but game design has yet to develop a theoretical framework or critical vocabulary. In *Rules of Play* Katie Salen and Eric Zimmerman present a much-needed primer for this emerging field. They offer a unified model for looking at all kinds of games, from board games and sports to computer and video games. As active participants in game culture, the authors have written *Rules of Play* as a catalyst for innovation, filled with new concepts, strategies, and methodologies for creating and understanding games. Building an aesthetics of interactive systems, Salen and Zimmerman define core concepts like "play," "design," and "interactivity." They look at games through a series of eighteen "game design schemas," or conceptual frameworks, including games as systems of emergence and information, as contexts for social play, as a storytelling medium, and as sites of cultural resistance. Written for game scholars, game developers, and interactive designers, *Rules of Play* is a textbook, reference book, and theoretical guide. It is the first comprehensive attempt to establish a solid theoretical framework for the emerging discipline of game design.

## Book Information

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## Customer Reviews

*Rules of Play* is an exhaustive, clear, cogent, and complete resource for understanding games and game design. Salen and Zimmerman describe an encyclopedia of game design issues, techniques, and attributes. In particular, they analyze the elements that can make a game experience richer,

more interesting, more emotional, more meaningful, and, ultimately, more successful. It should be the first stop you make when learning about game design. (Nathan Shedroff, author of Experience Design) Rules of Play makes a monumental contribution to the development of game theory, criticism, and design. It will instantly become a standard textbook in the field on the basis of its rigor and scope -- yet it is written in such an engaging style that many will read it for pleasure. Salen and Zimmerman do for games what Sergei Eisenstein did for cinema -- offer an expert practitioner's perspective on central aspects of the aesthetics and cultural importance of an emerging medium. (Henry Jenkins, Director of Comparative Media Studies, MIT) This is the most impressive book on game design I've ever seen. Broad in scope yet rich in detail, Rules of Play sets a new standard for game analysis. (Will Wright, Game Designer of Sim City and The Sims)

Katie Salen Tekinbağ is Professor in the School of Computing and Digital Media at DePaul University and Chief Designer and Researcher at Institute of Play. Eric Zimmerman is a game designer, game design theorist, and co-founder and CEO of gameLab. He has taught at universities including MIT, the University of Texas, Parsons School of Design, New York University, Rhode Island School of Design, and the School of Visual Arts.

This book is textbook, and it reads like one. It is very very dense, and is not an "enjoyable" read. However, as a result of this denseness, it covers many many integral aspects of game design more thoroughly than any other book. It will give you a better understanding of the "why" behind the "how", and that is invaluable. I rate it 4 stars because I don't think most people will manage to get through the whole thing, so it's not for everyone, but if you're serious about design, it has 5 stars worth of information in it.

This book is amazing. Got it for academic purposes but read the whole thing because it was so interesting.

Because this book encourages the analysis of games from different disciplines and agendas, the book remains useful despite it's age (considering how quickly things have changed since it's publication.)

In addition to being a professional programmer, my husband designs (and plays) board games as a hobby. (For more on the programming side, see my review of "Elemental Design Patterns.") He

says that this book helps to define the vocabulary and concepts that game designers use when talking about their craft.

It gave me new tips on how to continue with my game development skills. It's amazing and not hard to understand. I have recommended it to friends and co-workers

There are very few books about the theory of game design. Most of the books which purport to be about game design theory have titles like *\_Game Design: Theory and Practice\_* [Richard Rouse III: 2001], and focus much more on the latter than the former, usually in the context of commercial computer games. The exceptions to this rule generally approach the subject of game design theory from a particular perspective, e.g., as a communication method or "future's language." [Duke: 1974] So when *\_Rules of Play: Game Design Fundamentals\_* (by Katie Salen and Eric Zimmerman) was published by MIT Press in 2004, I took immediate interest. The book largely lived up to expectations. Weighing in at a hefty 672 pages of relatively small type, this textbook-format tome is, as the title might suggest, heavy on game design theory but light on practice. This makes it an excellent complement to the established game design literature. Structurally, the book is fairly straightforward and is divided into four major sections: Core Concepts, Rules, Play, and Culture, each of which is capped by an essay or a game design by an established game designer written especially for this volume. The first section (together with two brief chapters preceding it) discusses necessary background ideas, defining important terms and presenting concepts to be built upon later. Besides preparing the reader for the next 500 pages, it's in this section that the authors accomplish one of their primary goals of the book: creating a game design vocabulary. Creating such a critical vocabulary, they argue, is an important step towards treating game design as a discipline, because you need such a tool to educate game designers, to pass skills and knowledge from one generation of designers to another, to facilitate audience-building by enabling critical discussion of games, and finally as a buffer against criticism, by giving "us" -- a word which takes on new meaning in the last third of the book, when they discuss the various ways players become de facto game designers -- the vocabulary and understanding to defend gaming as an activity from those who would censor it. These points are borrowed from an essay by Henry Jenkins, a media theorist and game scholar who is also the head of the Comparative Media Studies program at MIT. (As a quick sidebar, this book may be worth buying for the bibliography alone.) Of course, vocabulary is only the start of an effort to establish a "critical discourse for game design." Or, as Salen and Zimmerman explain, "a critical vocabulary lets us talk to each other." The last three sections of the

book form the beginnings of that critical discourse. Each of these sections highlights a specific primary schema ("a conceptual lens we can apply to the analysis or creation of a game"), with most of the chapters in these sections focusing on related lower-level schemas. For example, in the section on the schema "Games as Play," there is a chapter on "Games as Narrative Play," which examines both narrative elements of games and narrative as a result of game play. These schema-based chapters borrow heavily from a wide variety of disciplines, and it is through these schemas that major insights regarding game design can be found. (For instance, the chapter on "Games as the Play of Pleasure" has an interesting discussion of the importance of short-term goals, which serve both to help players make plans in a game, and also provide moments of satisfaction when these goals are reached.) A lot of these insights will not be new to experienced game designers, but what is new is the systematic framework in which the insight is embedded. Or, more correctly, frameworks. I would argue that this multiple-perspective approach is the book's primary strength. Rather than taking a given theoretical construct and forcing all of "games" into it, it starts with a few core concepts and then generates a plethora of interrelated-but-distinct models with which to examine any game. Any given model may or may not be suited to an individual game -- or, perhaps more accurately, may or may not have the potential to produce new insights -- but as a whole they are a powerful collection of tools. If you have a hammer, the old saying goes, everything looks like a nail. In this case, Salen and Zimmerman have handed the reader a fairly complete toolbox. (Note that I will admit to shoehorning this analogy into place just a little bit. A hammer is construction tool, not an analysis tool; it's job is on the \*practical end\*, not the theoretical. A better analogy would be a toolbox that contains an MRI machine, a spectrograph, an x-ray machine, a CAT scanner, and a simple camera, but I don't know of any old sayings that use those particular tools.) This comprehensive approach draws on a wide variety of disciplines, from psychology and literature to software engineering. Within the field of games it casts an equally wide net, drawing examples from computer games, parlor games, Live Action Roleplaying Games, boardgames, professional sports, schoolyard games, and others. It's not unusual for one paragraph to discuss a game like Chutes and Ladders, the next to discuss professional basketball, and a third to discuss Quake. Such a diverse treatment of the subject guarantees that there is always an example available for a type of game the reader is familiar with, even if the inevitable result is a little bit of shoehorning of examples. (I remain unconvinced, for example, that Tic Tac Toe is really a "territorial acquisition" game.) There are also plenty of new games to learn about -- for instance, did you know that someone ran a live action PacMan game in New York City? This comprehensiveness extends to the bibliography and footnotes. Another strength derives directly from one of the goals of

the book: the authors are attempting to create a vocabulary. As a result, they are meticulous about defining terms, especially when they are borrowing concepts from other disciplines. This can occasionally be a little tiresome, but in the end it's always worth the effort. The weaknesses of the book are in many ways mirror images of the strengths -- it's occasionally too theoretical, too comprehensive, and too multi-disciplinary. It tends to wordiness, and occasionally the authors seem to base significant points on what one could argue is a word game, e.g., they draw upon the definition of play as in "loose" ("too much play in the fan belt") when defining the idea of "playing a game" or "game as a form of play." It's a clever little example of creative pseudo-etymology, but I'm not sure that I buy the construct, even if it does seem to offer insight on occasion. (Note that I originally wrote "play on words" rather than "word game.") One glaring void in this comprehensive approach, ironically, is that the book doesn't really focus on games that are played for reasons other than the pleasure of the participants. Professional military games are mentioned only in passing, large seminar games not at all, and it's probably safe to say that when one thinks of DOD gaming, such concepts as "Games as Cultural Resistance" (chapter 32) are probably not the sort of idea that comes to mind. Indeed, much of the sections on "Play" and "Culture" might seem to be inapplicable to the type of gaming sponsored by DOD, because they do not address the unique reasons as to why military organizations participate in the creation and playing of games. I think that conclusion would be a mistake. The motivation as to why individuals play DOD games is certainly different than the motivation of your average *Vampire: The Masquerade* player, but the mechanisms by which a player finds the experience meaningful probably isn't. A bored or alienated player is bored or alienated, regardless of whether he's playing in the latest first-person shooter on his own initiative or *Millenium Challenge* because he was told to be there. If anything, these issues might be more important in a military games context: Joe Civilian Gamer can simply stop playing *DOOM* if he gets bored, but gamers that are forced into situations they don't want to be in have a tendency to cease their willing suspension of disbelief ("step outside the magic circle," as Salen and Zimmerman would say) and cause problems for others as well. So, in short, I think the book is worth the time and the price tag (\$50 list), both for game designers in general and professional military game designers in particular.

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