



# Drift into Failure: From Hunting Broken Components to Understanding Complex Systems

*Sidney Dekker*

Download now

[Click here](#) if your download doesn't start automatically

# Drift into Failure: From Hunting Broken Components to Understanding Complex Systems

*Sidney Dekker*

**Drift into Failure: From Hunting Broken Components to Understanding Complex Systems** Sidney Dekker

What does the collapse of sub-prime lending have in common with a broken jackscrew in an airliner's tailplane? Or the oil spill disaster in the Gulf of Mexico with the burn-up of Space Shuttle Columbia? These were systems that drifted into failure. While pursuing success in a dynamic, complex environment with limited resources and multiple goal conflicts, a succession of small, everyday decisions eventually produced breakdowns on a massive scale.

We have trouble grasping the complexity and normality that gives rise to such large events. We hunt for broken parts, fixable properties, people we can hold accountable. Our analyses of complex system breakdowns remain depressingly linear, depressingly componential - imprisoned in the space of ideas once defined by Newton and Descartes.

The growth of complexity in society has outpaced our understanding of how complex systems work and fail. Our technologies have gotten ahead of our theories. We are able to build things - deep-sea oil rigs, jackscrews, collateralized debt obligations - whose properties we understand in isolation. But in competitive, regulated societies, their connections proliferate, their interactions and interdependencies multiply, their complexities mushroom.

This book explores complexity theory and systems thinking to understand better how complex systems drift into failure. It studies sensitive dependence on initial conditions, unruly technology, tipping points, diversity - and finds that failure emerges opportunistically, non-randomly, from the very webs of relationships that breed success and that are supposed to protect organizations from disaster. It develops a vocabulary that allows us to harness complexity and find new ways of managing drift.

 [Download Drift into Failure: From Hunting Broken Components ...pdf](#)

 [Read Online Drift into Failure: From Hunting Broken Componen ...pdf](#)

## **Download and Read Free Online Drift into Failure: From Hunting Broken Components to Understanding Complex Systems Sidney Dekker**

---

### **From reader reviews:**

#### **Yvonne Terrell:**

Why don't make it to become your habit? Right now, try to ready your time to do the important act, like looking for your favorite guide and reading a reserve. Beside you can solve your long lasting problem; you can add your knowledge by the book entitled Drift into Failure: From Hunting Broken Components to Understanding Complex Systems. Try to face the book Drift into Failure: From Hunting Broken Components to Understanding Complex Systems as your buddy. It means that it can to be your friend when you really feel alone and beside regarding course make you smarter than ever before. Yeah, it is very fortunated for you personally. The book makes you more confidence because you can know every little thing by the book. So , we should make new experience and knowledge with this book.

#### **Verna Smith:**

The book Drift into Failure: From Hunting Broken Components to Understanding Complex Systems make one feel enjoy for your spare time. You may use to make your capable more increase. Book can for being your best friend when you getting stress or having big problem with your subject. If you can make reading through a book Drift into Failure: From Hunting Broken Components to Understanding Complex Systems for being your habit, you can get more advantages, like add your current capable, increase your knowledge about many or all subjects. You may know everything if you like available and read a publication Drift into Failure: From Hunting Broken Components to Understanding Complex Systems. Kinds of book are a lot of. It means that, science e-book or encyclopedia or other individuals. So , how do you think about this reserve?

#### **Michael Thompson:**

The reason? Because this Drift into Failure: From Hunting Broken Components to Understanding Complex Systems is an unordinary book that the inside of the guide waiting for you to snap that but latter it will distress you with the secret the item inside. Reading this book next to it was fantastic author who all write the book in such incredible way makes the content inside of easier to understand, entertaining method but still convey the meaning completely. So , it is good for you for not hesitating having this any longer or you going to regret it. This amazing book will give you a lot of rewards than the other book get such as help improving your skill and your critical thinking method. So , still want to hold off having that book? If I had been you I will go to the guide store hurriedly.

#### **Joyce Pippin:**

Within this era which is the greater individual or who has ability in doing something more are more treasured than other. Do you want to become one among it? It is just simple strategy to have that. What you have to do is just spending your time very little but quite enough to have a look at some books. One of the books in the top checklist in your reading list is definitely Drift into Failure: From Hunting Broken Components to Understanding Complex Systems. This book which is qualified as The Hungry Hills can get you closer in

turning out to be precious person. By looking upwards and review this e-book you can get many advantages.

**Download and Read Online Drift into Failure: From Hunting  
Broken Components to Understanding Complex Systems Sidney  
Dekker #YIQD0A83WRB**

# **Read Drift into Failure: From Hunting Broken Components to Understanding Complex Systems by Sidney Dekker for online ebook**

Drift into Failure: From Hunting Broken Components to Understanding Complex Systems by Sidney Dekker Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Drift into Failure: From Hunting Broken Components to Understanding Complex Systems by Sidney Dekker books to read online.

## **Online Drift into Failure: From Hunting Broken Components to Understanding Complex Systems by Sidney Dekker ebook PDF download**

**Drift into Failure: From Hunting Broken Components to Understanding Complex Systems by Sidney Dekker Doc**

**Drift into Failure: From Hunting Broken Components to Understanding Complex Systems by Sidney Dekker Mobipocket**

**Drift into Failure: From Hunting Broken Components to Understanding Complex Systems by Sidney Dekker EPub**