

Chapter 8

Conclusion

The chapters in this book have covered the main concepts of fault tolerance, basic techniques for designing fault-tolerant hardware and software systems, and common methods for modeling and evaluating fault-tolerant systems in terms of reliability, availability, and safety.

There are certainly many important aspects of fault-tolerant design beyond the ones we have covered in this book, including specification, validation, and testing of fault-tolerant systems, dependability assessment using test data, failure mode and effects analysis, and security.

Fault tolerance is a fascinating and constantly developing field. We hope that this book has sparked your interest to explore it further. We wish you the best on your continued journey of learning.