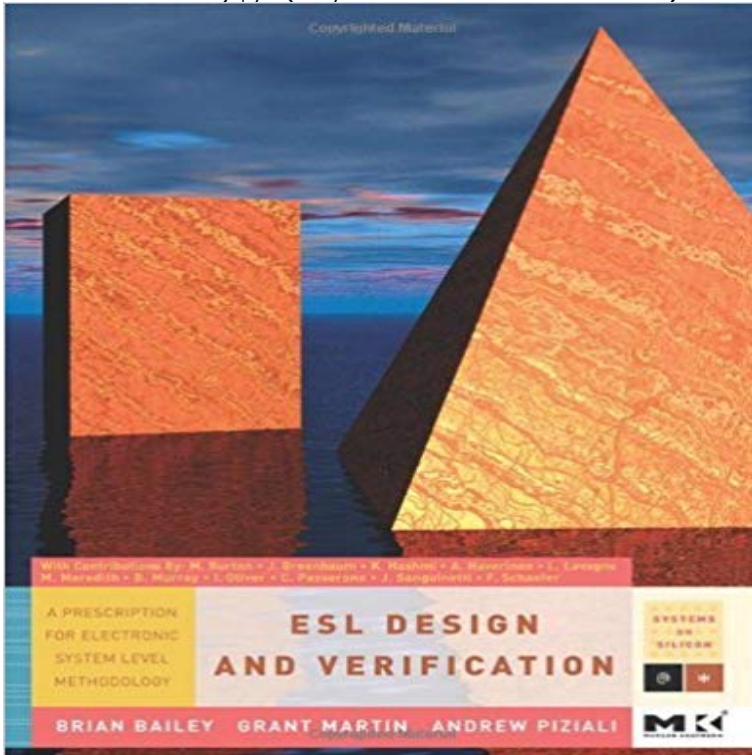


# ESL Design and Verification: A Prescription for Electronic System Level Methodology (Systems on Silicon)



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<http://www.electronicssystemlevel.com/> - Includes interactive forum with the authors! Electronic System Level (ESL) design has mainstreamed it is now an established approach at most of the worlds leading system-on-chip (SoC) design companies and is being used increasingly in system design. From its genesis as an algorithm modeling methodology with no links to implementation, ESL is evolving into a set of complementary methodologies that enable embedded system design, verification and debug through to the hardware and software implementation of custom SoC, system-on-FPGA, system-on-board, and entire multi-board systems. This book arises from experience the authors have gained from years of work as industry practitioners in the Electronic System Level design area; they have seen SLD or ESL go through many stages and false starts, and have observed that the shift in design methodologies to ESL is finally occurring. This is partly because of ESL technologies themselves are stabilizing on a useful set of languages being standardized (SystemC is the most notable), and use models are being identified that are beginning to get real adoption. **ESL DESIGN & VERIFICATION** offers a true prescriptive guide to ESL that reviews its past and outlines the best practices of today.

Table of Contents

CHAPTER 1: WHAT IS ESL?

CHAPTER 2: TAXONOMY AND DEFINITIONS FOR THE ELECTRONIC SYSTEM LEVEL

CHAPTER 3: EVOLUTION OF ESL DEVELOPMENT

CHAPTER 4: WHAT ARE THE ENABLERS OF ESL?

CHAPTER 5: ESL FLOW

CHAPTER 6: SPECIFICATIONS AND MODELING

CHAPTER 7: PRE-PARTITIONING ANALYSIS

CHAPTER 8: PARTITIONING

CHAPTER 9: POST-PARTITIONING ANALYSIS AND DEBUG

CHAPTER 10:

POST-PARTITIONING VERIFICATION  
CHAPTER 11: HARDWARE IMPLEMENTATION  
CHAPTER 12: SOFTWARE IMPLEMENTATION  
CHAPTER 13: USE OF ESL FOR IMPLEMENTATION VERIFICATION  
CHAPTER 14: RESEARCH, EMERGING AND FUTURE PROSPECTS  
APPENDIX: LIST OF ACRONYMS\*  
Provides broad, comprehensive coverage not available in any other such book \*  
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