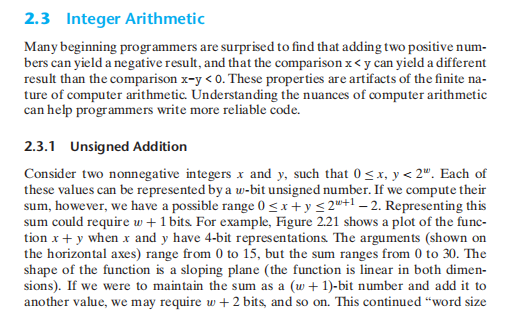
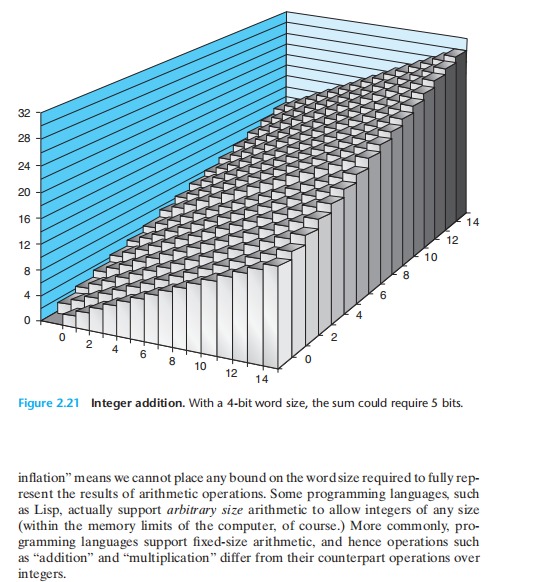
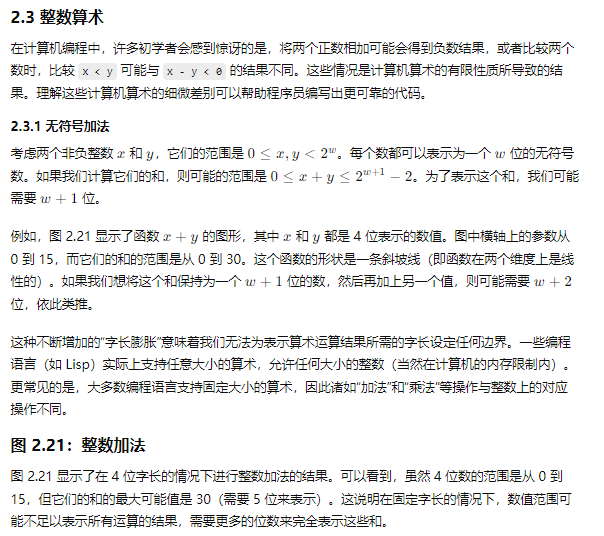
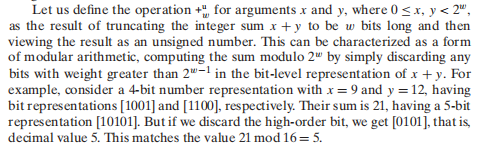
# CSAPP CHAPTER 2.3 Integer Arithmetic整形算术

## 2.3.1Unsigned Addition

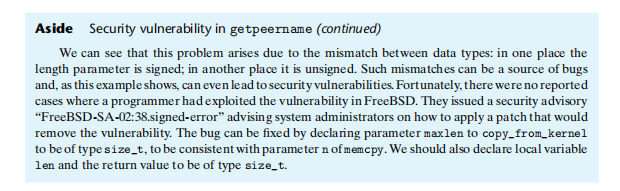




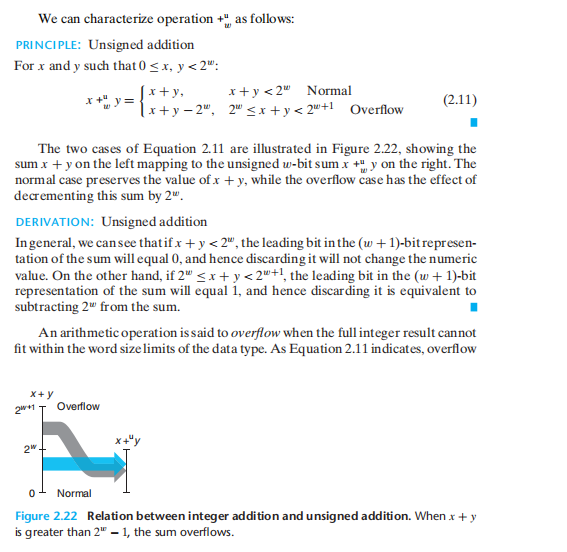


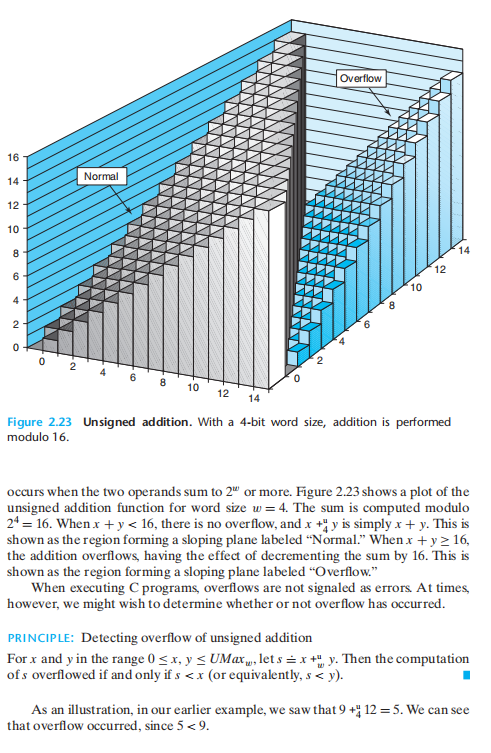


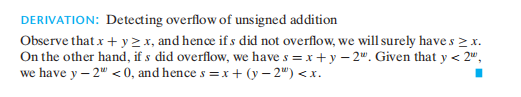


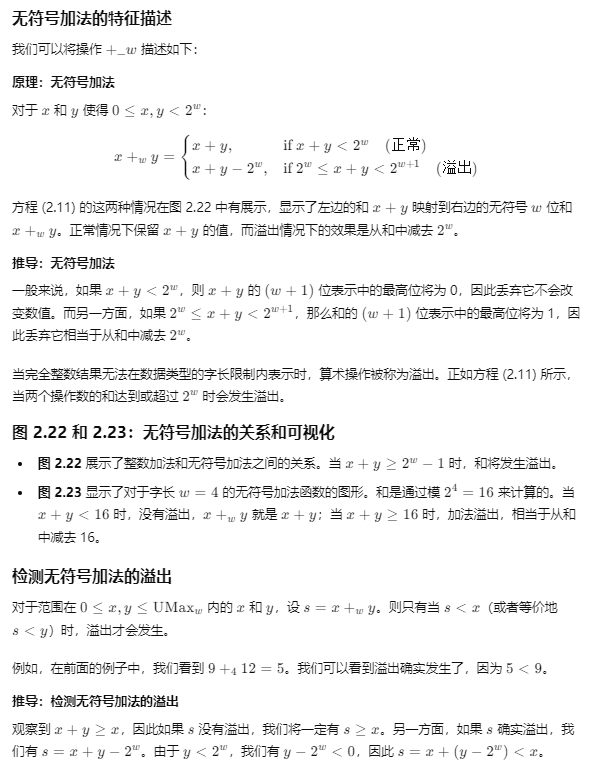




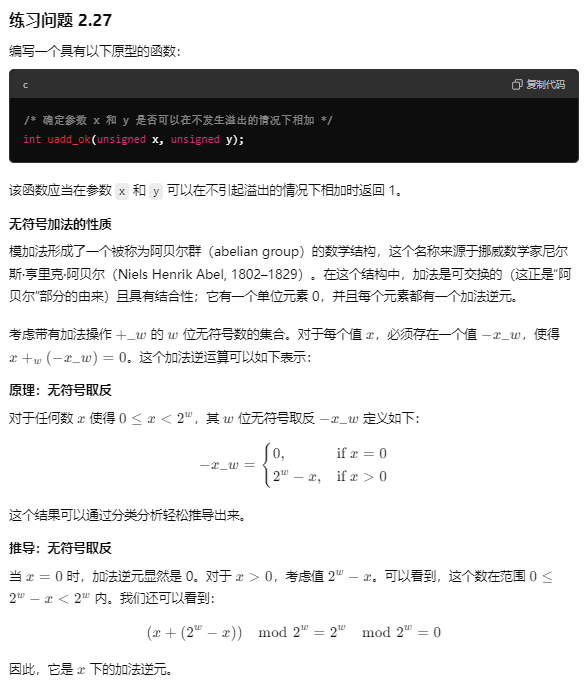


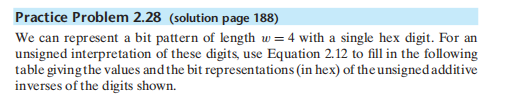


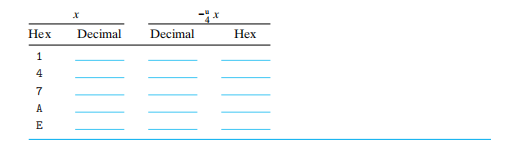


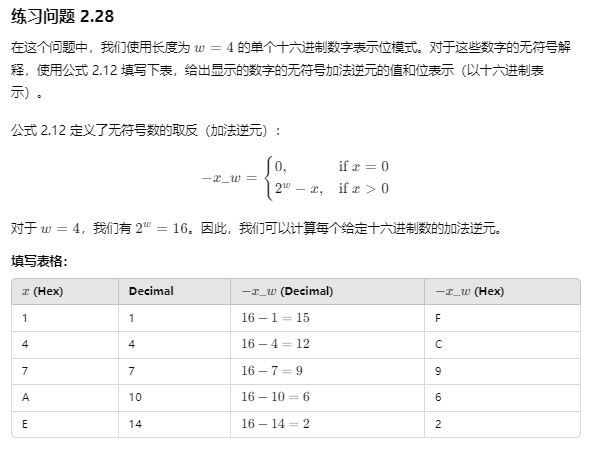






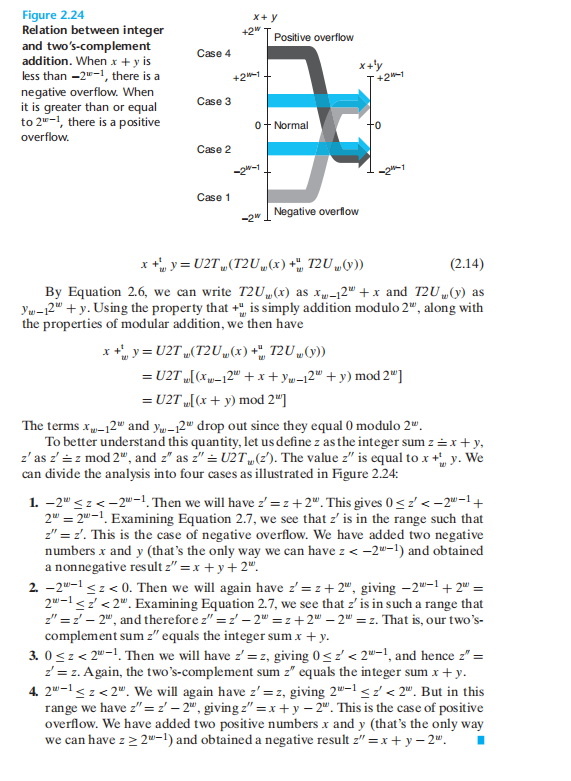


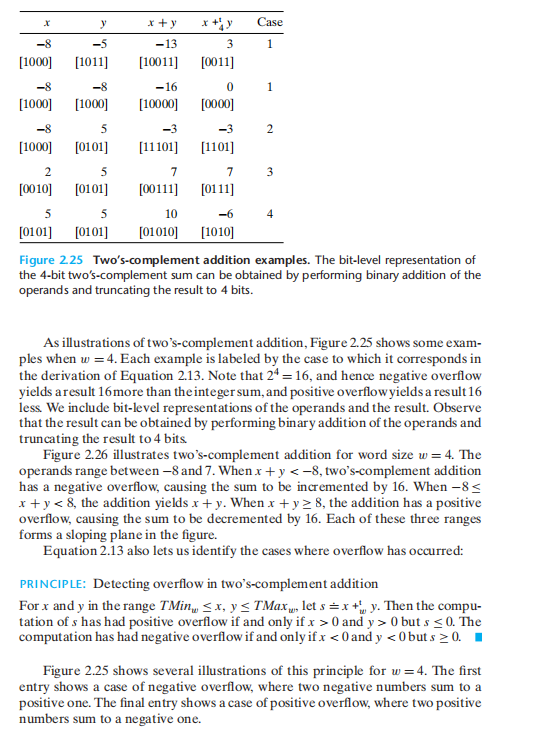




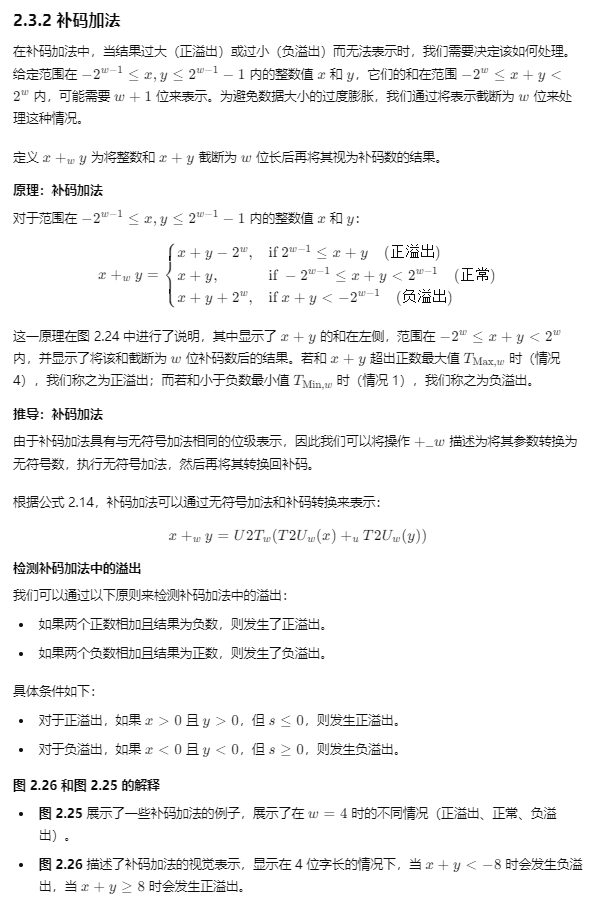
## 2.3.2 Two’s-Complement Addition

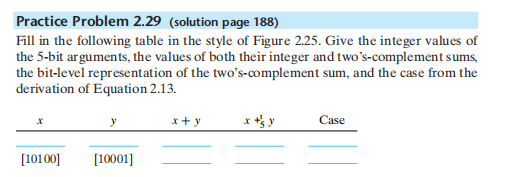
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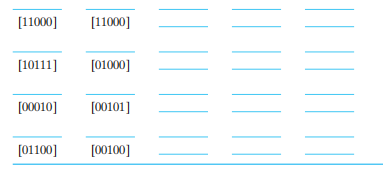




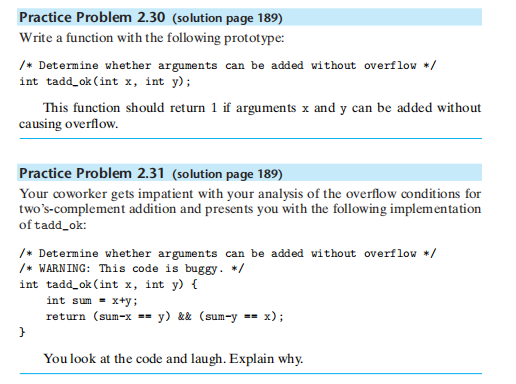






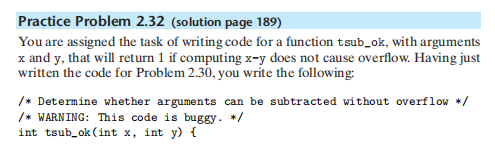


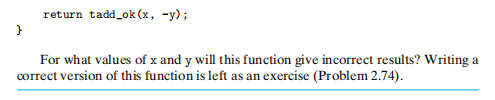






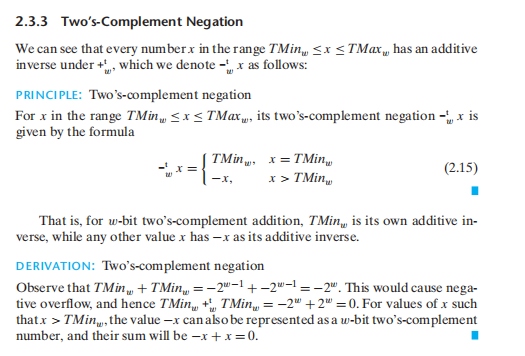


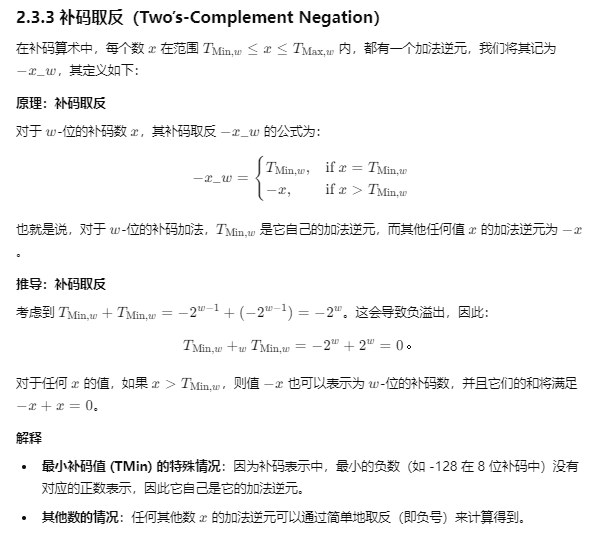


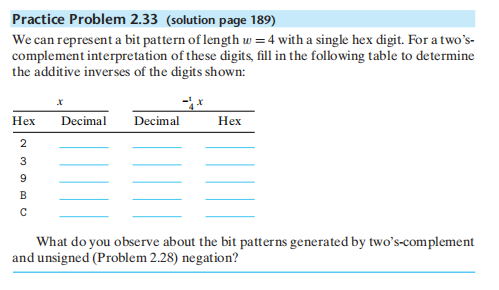


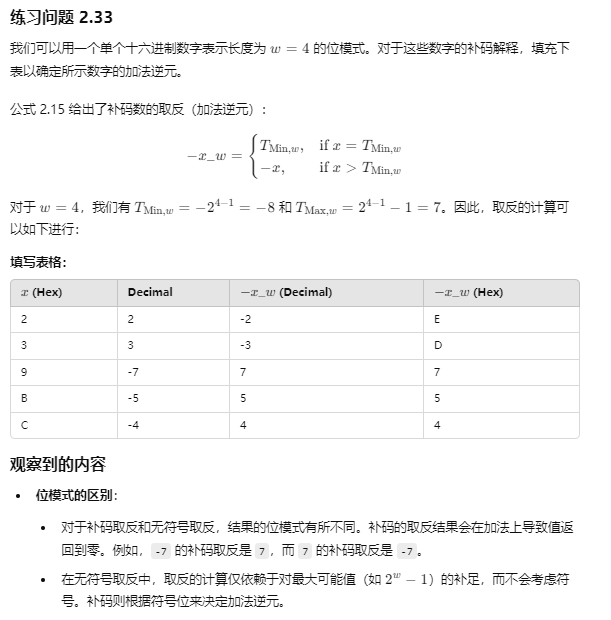


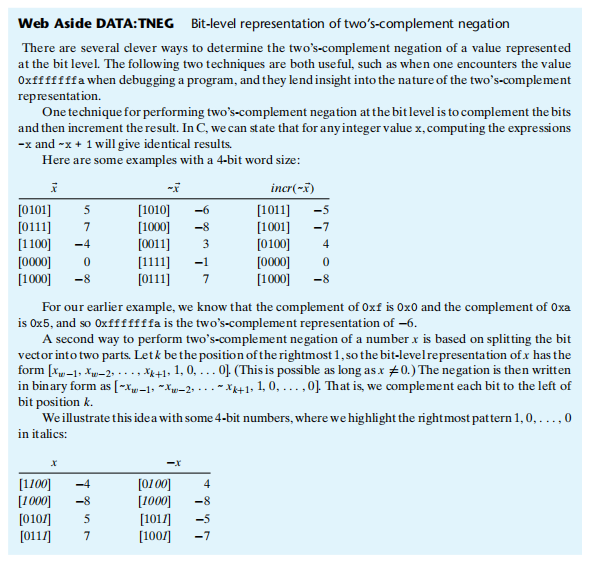
## 2.3.3 Two’s-Complement Negation

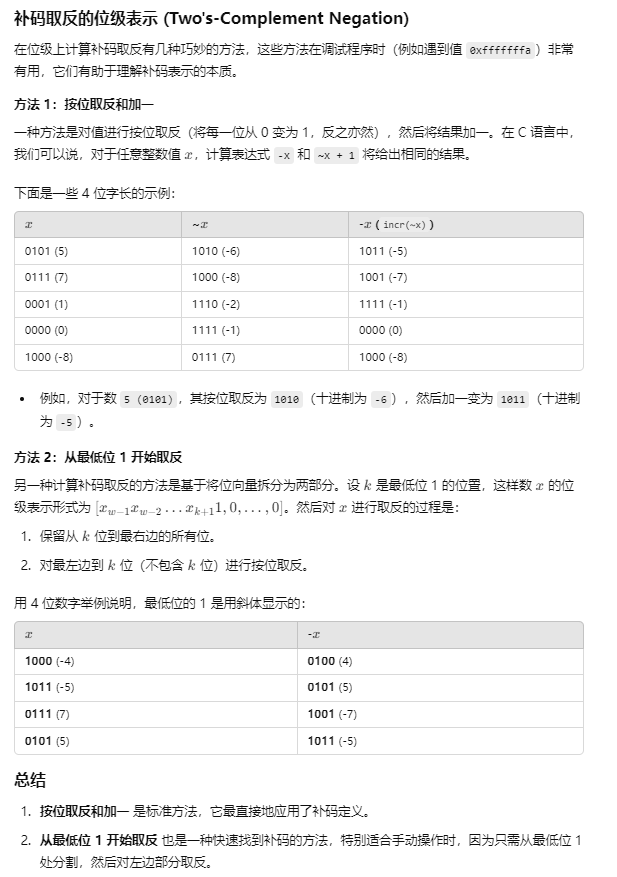






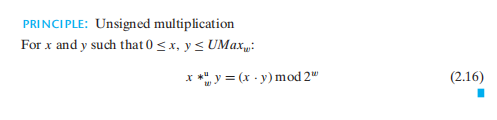






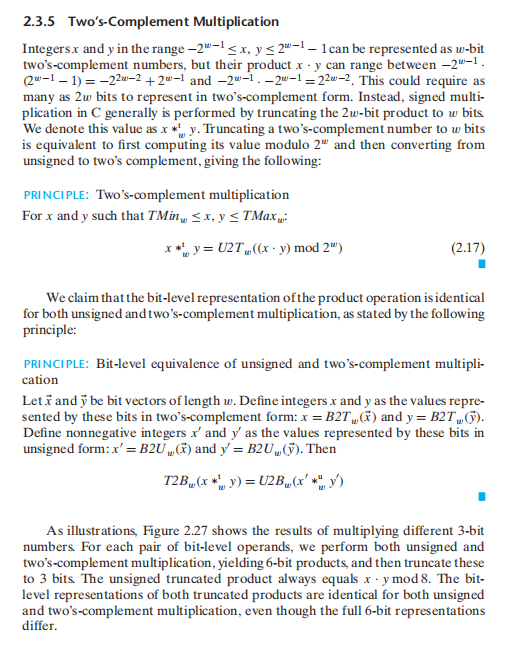
## 2.3.4 Unsigned Multiplication

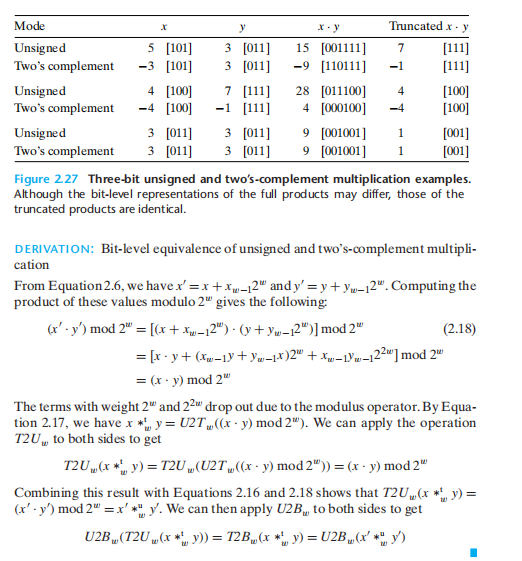


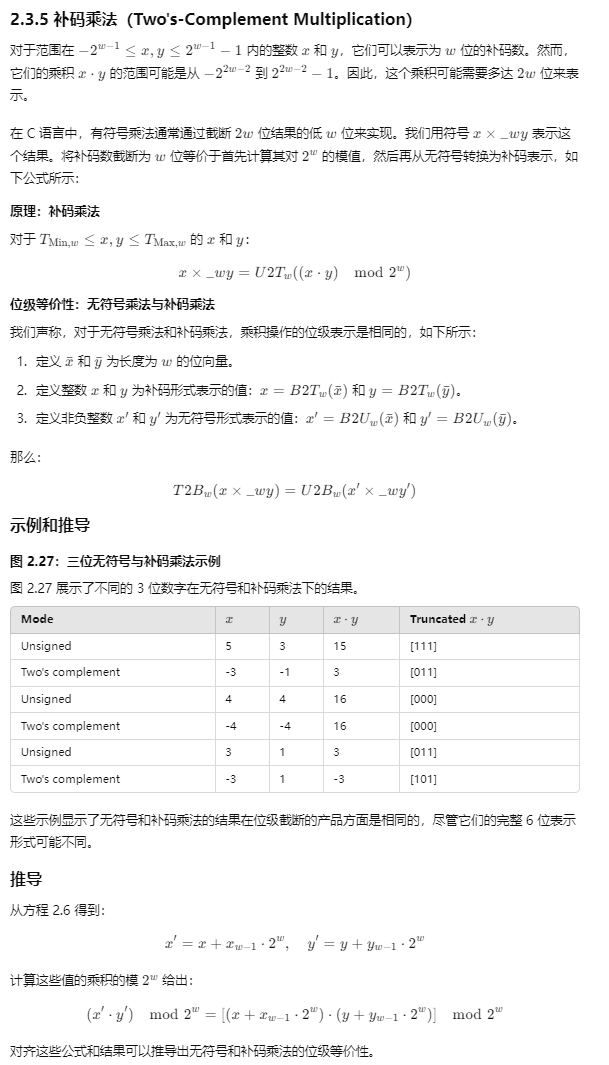


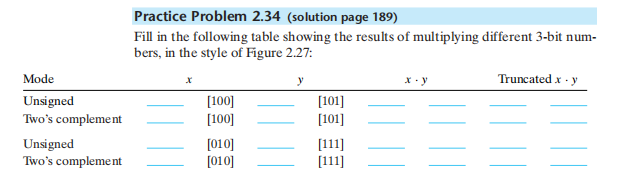


## 2.3.5 Two’s-Complement Multiplication

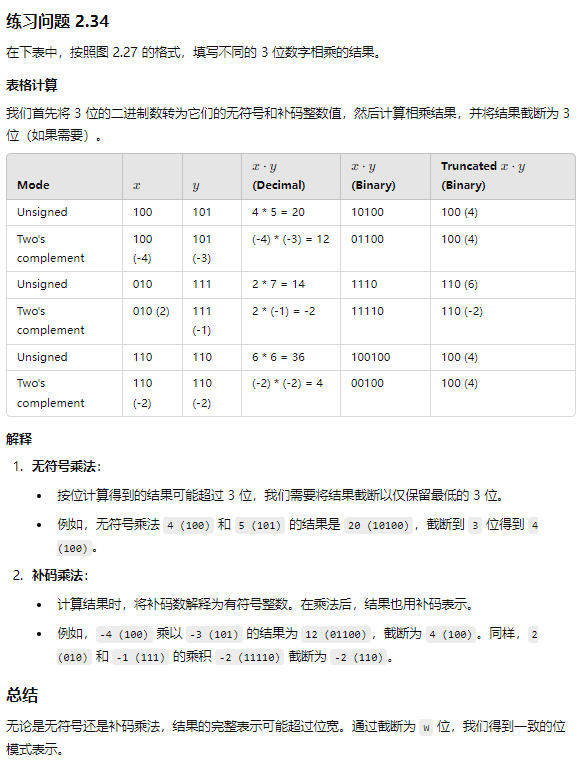


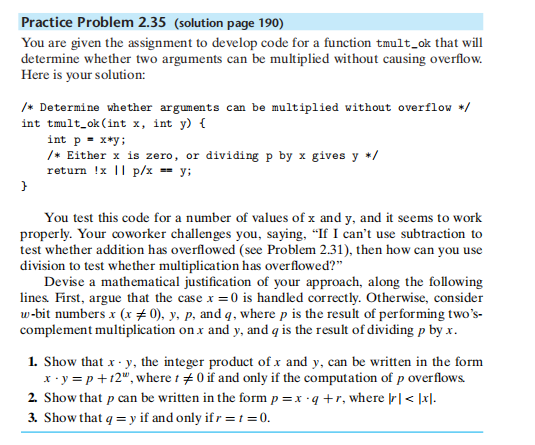


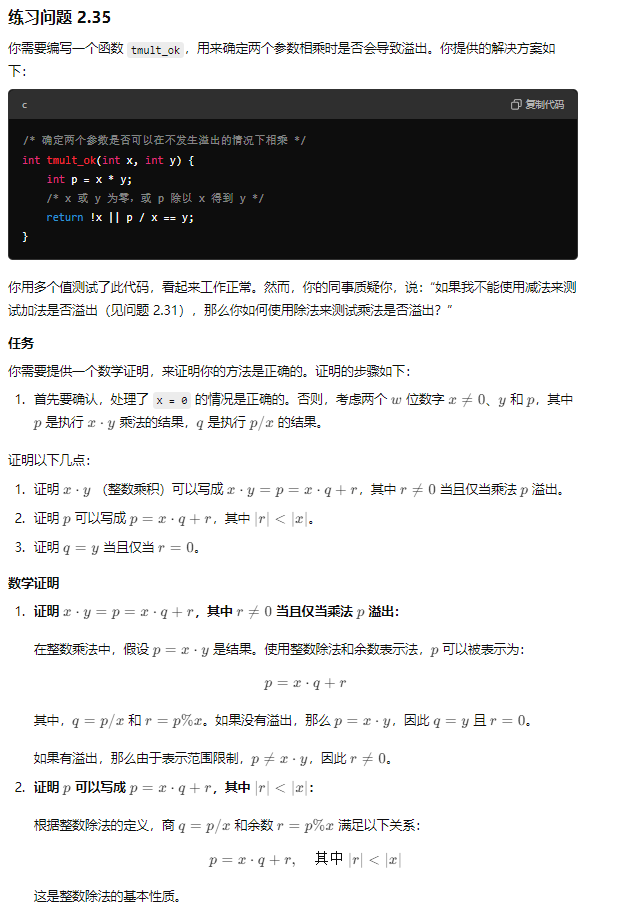


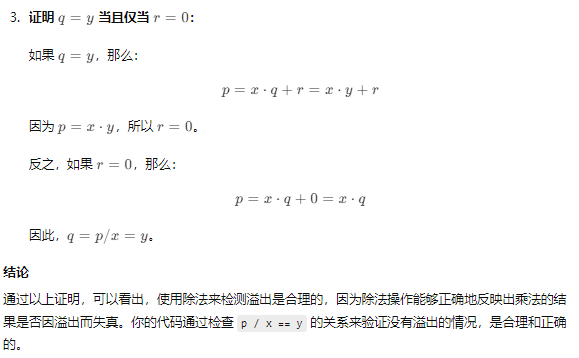


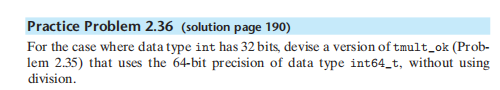
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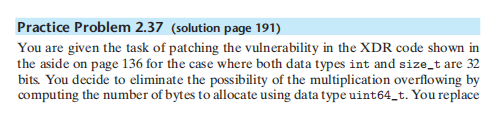


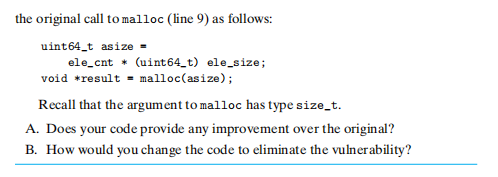






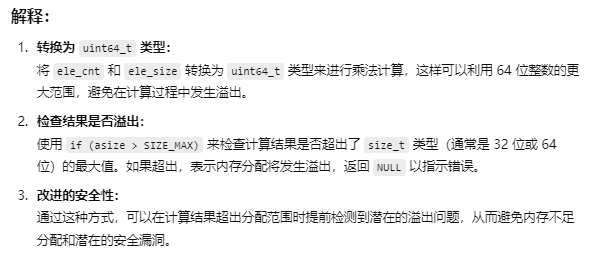




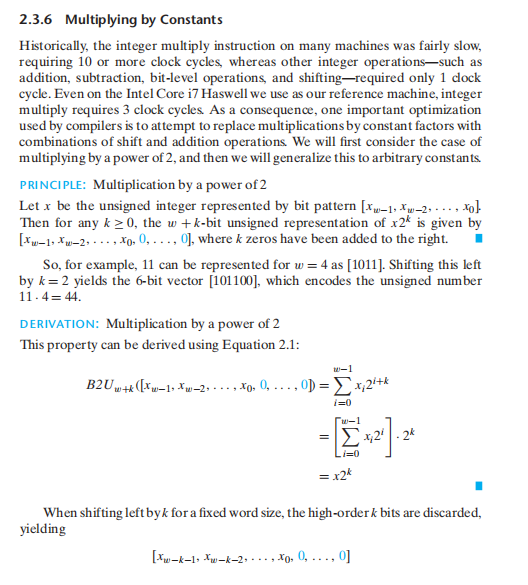


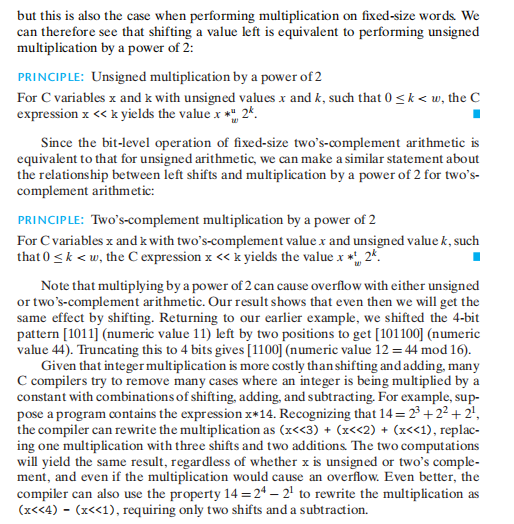


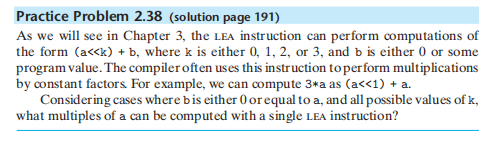


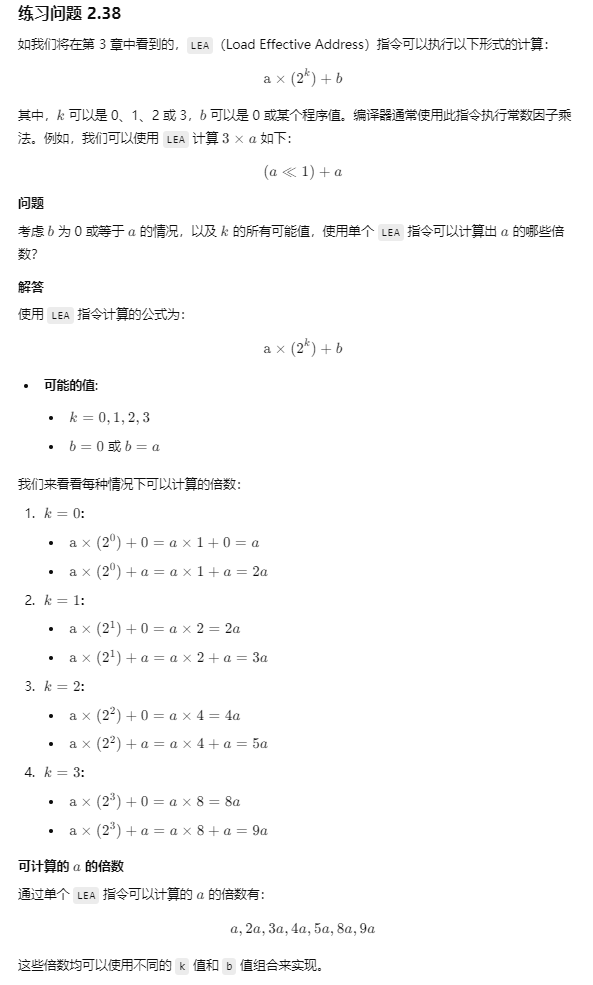


## 2.3.6 Multiplying by Constants

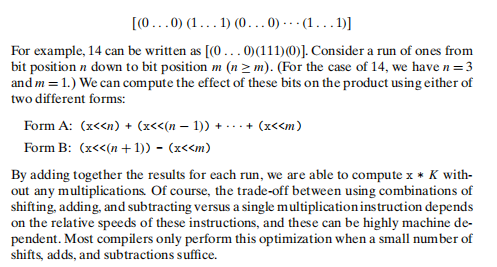


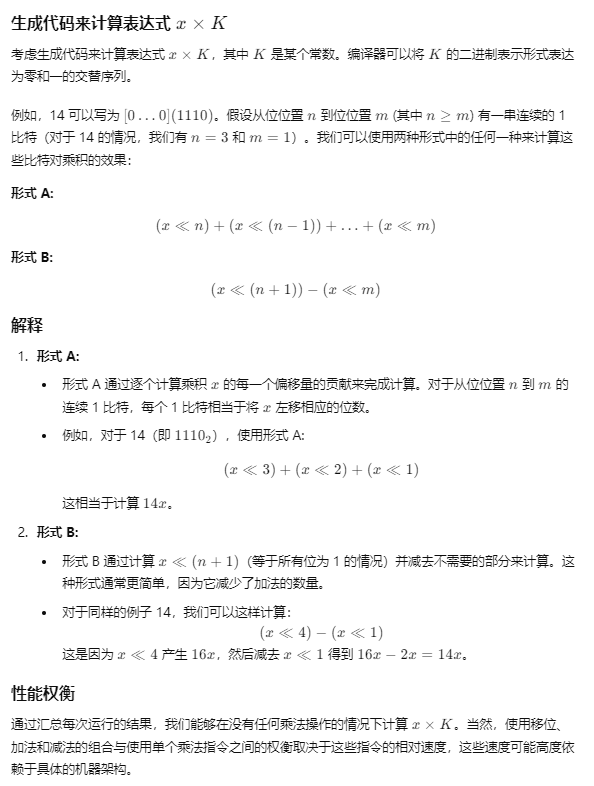


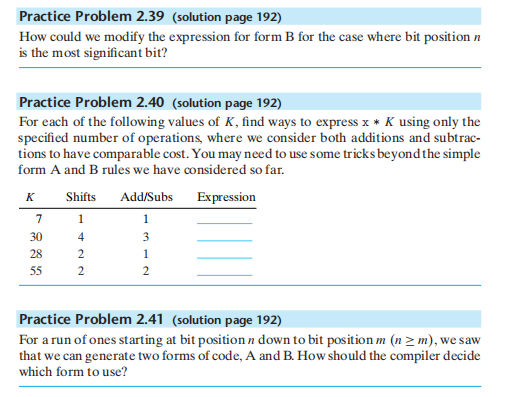


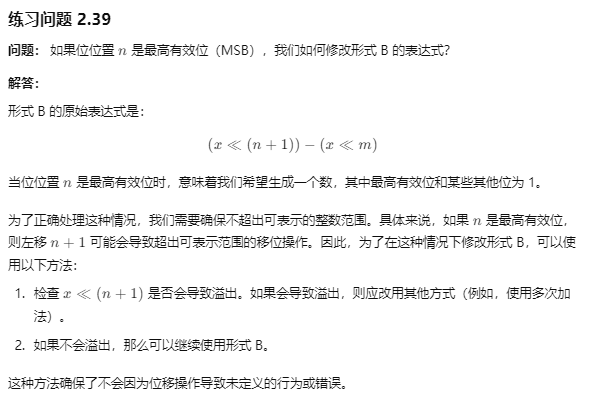


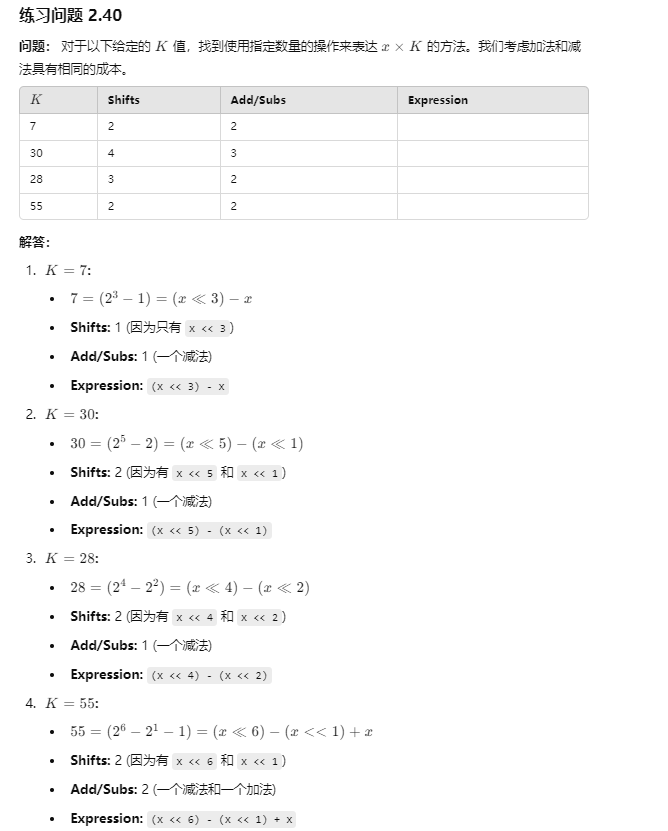
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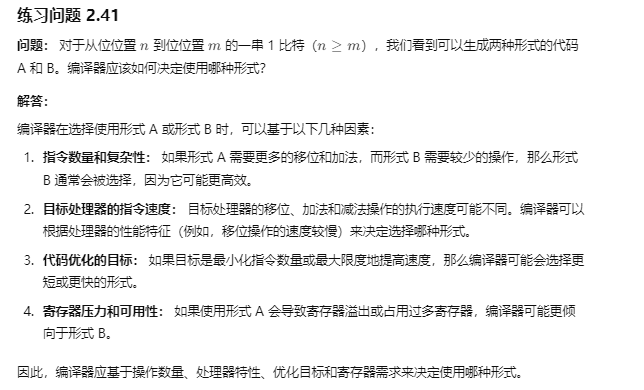




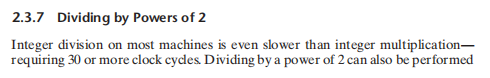


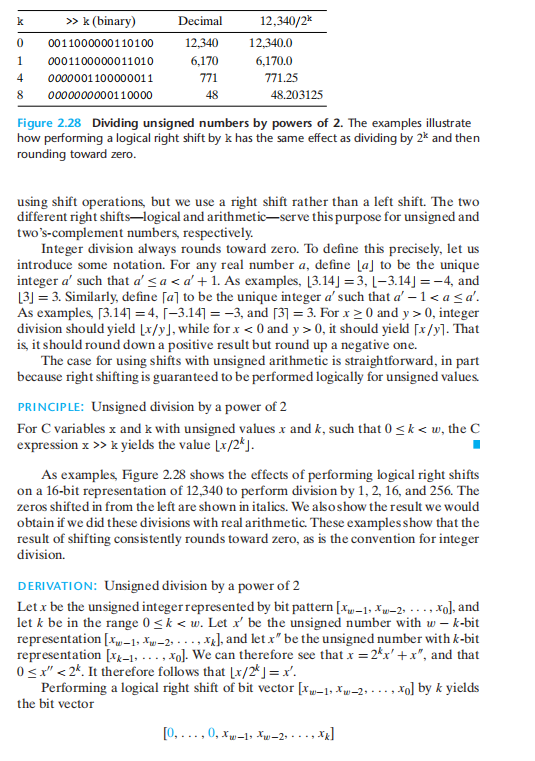


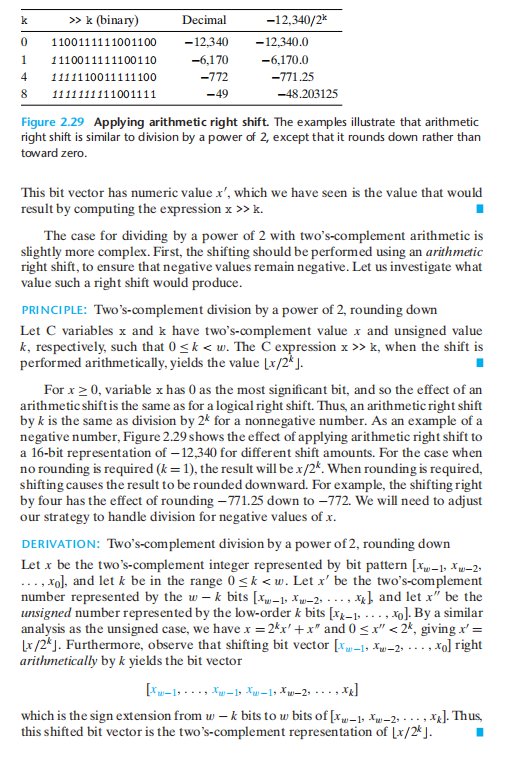


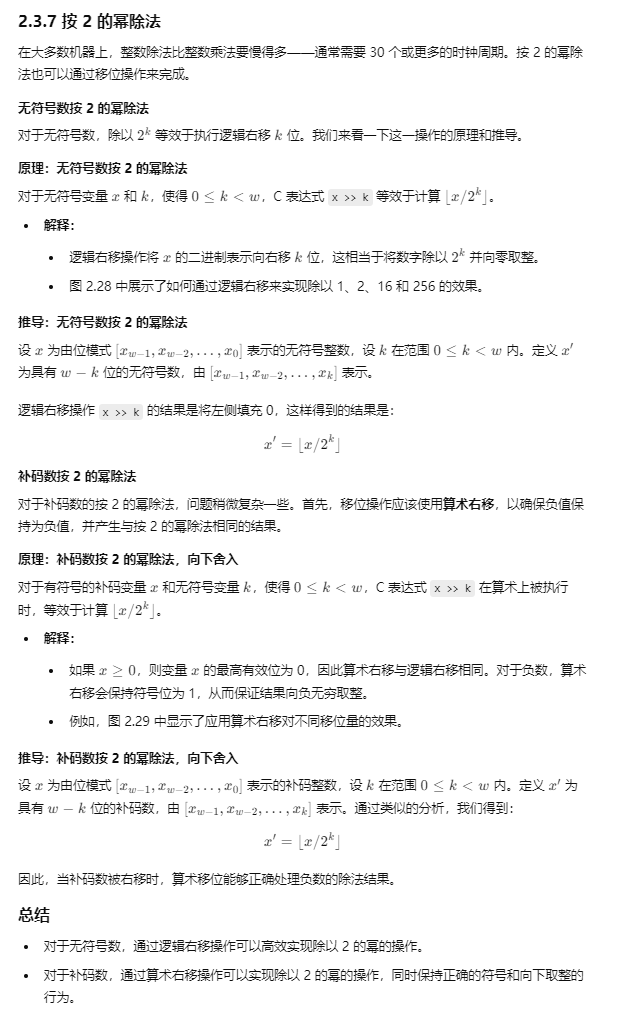


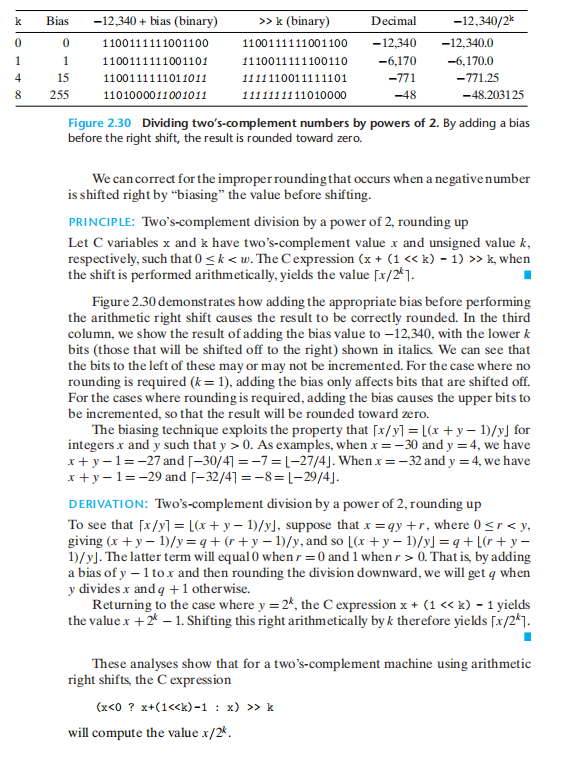
## 2.3.7 Dividing by Powers of 2

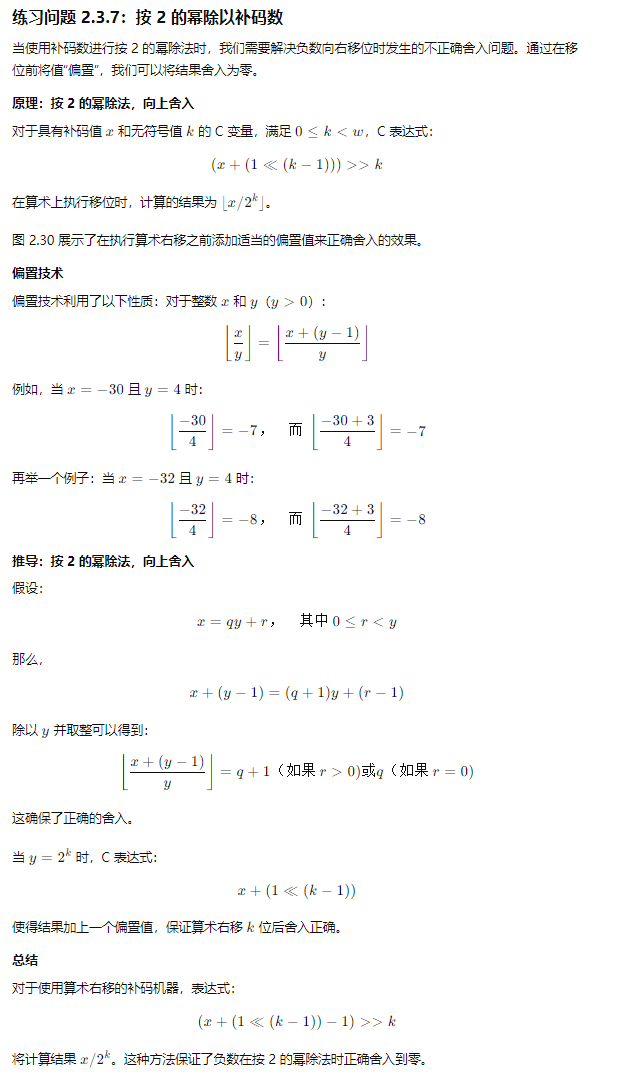


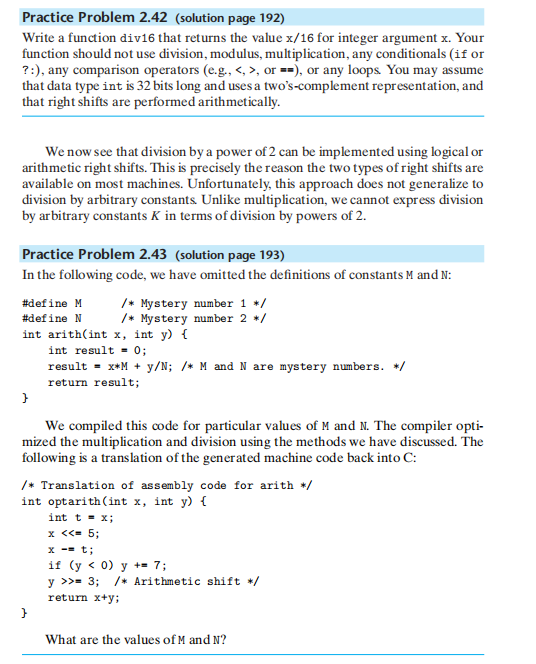
















## 2.3.8 Final Thoughts on Integer Arithmetic

