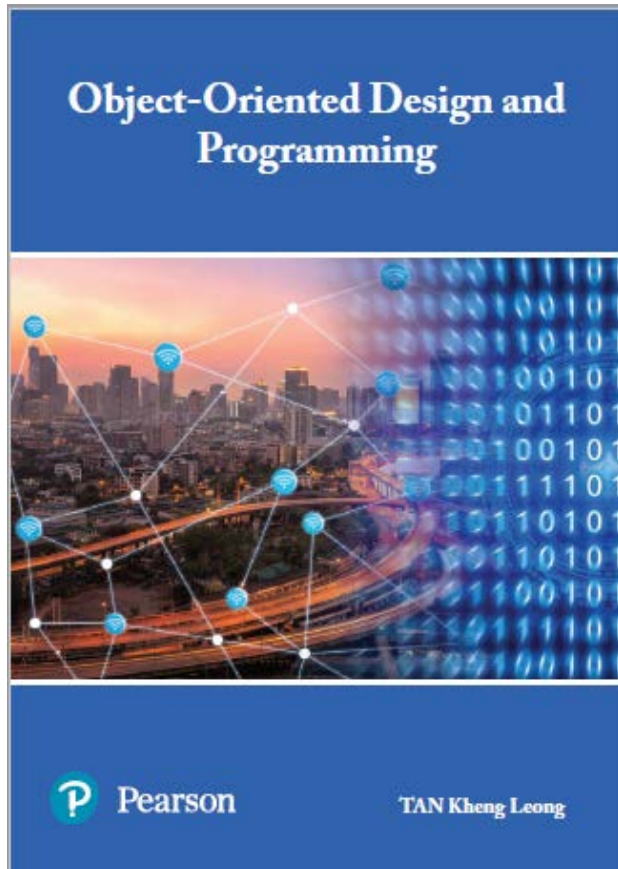


# CZ2002 Object Oriented Design & Programming



## Object Oriented Design & Programming

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### Abstract

This book focuses on the design and modelling of object orient application and programming it in Java. It covers the fundamental concepts of the object oriented thinking process and the use of two Unified Modelling Language (UML) diagrams : Class diagram and Sequence diagram, to depict OO design. Class Diagram is used for depicting classes relationships and Sequence Diagram for depicting object interactions. It shows the eventual translation of the diagrams into code implementation. Basic design principles and the SOLID design principles are also covered with examples to show how they can be applied to enhance the design.