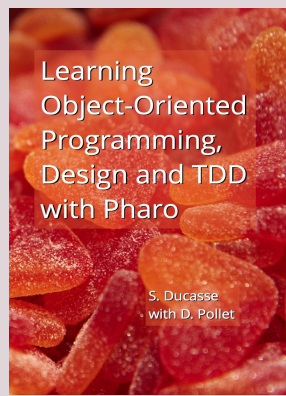# Learning Object-Oriented Programming, Design and TDD with Pharo

Ducasse - Pollet

I would like to present the concepts that I want to teach you and that hopefully you should acquire.
What is key to understand is that I will focus on the ''key'' conceptual elements.
It is easy for me because I will not explain OOP/D in general but within the context of Pharo.
Pharo is the essence of Object-Oriented programming since its object model is minimal but it covers the key and essential aspect of OOP.
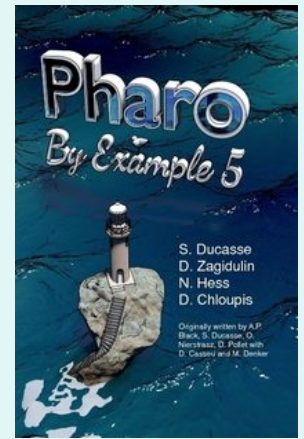For example we will not present method modifiers, types, overloading (which is a bad concept).

We center a lot in:
- Tests
- Refactorings
- Polymorphism and Code Reuse

Get It, It's Open!

Pharo by Example 5

Ducasse, Chloupis, Hess, Zagidulin

Pharo is a clean, innovative, open-source, live-programming environment.

Pharo by Example50 is the second edition of Pharo by Example. It is based on Pharo 50.
It covers all the elements of the language, core libraries and the IDE.
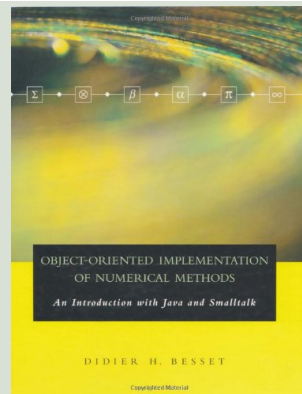
In addition it shows how to build a simple web application with Seaside
(a powerful web framework).

Get It, It's Open!

PharO
The immersive Programming Experience

Numerical Methods In Pharo

Besset - Ducase Stinckwich

Numerical Methods In Pharo is a book from Didier Besset on numerical methods.

It covers many topics related to data science:

- Function interpolation,
- Iteration,
- Function Zeroes,
- Linear algebra series,
- Statistics,
- Sstimation,
- Minimisation,
- Data mining,
- and much more...

Get It, It's Open!

Enterprise Pharo

Pharo is a clean, innovative, open-source, live-programming environment.

Enterprise Pharo is the third volume of a series of book covering Pharo and its community.
Whereas the first volume **Pharo by Example** is intended for newcomers and the second volume **Deep into Pharo** covers deep topics of Pharo, this third volume covers libraries and frameworks for enterprises, and in particular those doing web development.
Including:
- Web Development
- REST Services / Web Sockets
- Database Persistance
- Serialization of Objects
- Deployment

Get It, It's Open!