FINITE ELEMENT PROGRAMMING: SOME BOOKS

Regular finite element texts with a reasonable coverage of programming aspects

Texts with specific emphasis on the programming of the finite element method
I.M. Smith and D.V. Griffiths, Programming the Finite Element Method, Wiley, 2004

Books on C++ and object oriented programming

Object oriented numerical analysis software

Parallel processing
A. Grama, G. Karypis , V. Kumar and A. Gupta, Introduction to Parallel Computing (2nd edition), Benjamin/Cummings, 2003
https://computing.llnl.gov/?set=training&page=index