

## Reading list for Computational Methods for Science and Engineering, TNA009, 2020

### Regularly literature

#### Books

Eldén, Lars, (2019) *Matrix methods in data mining and pattern recognition*.  
Second edition Philadelphia : Society for Industrial and Applied Mathematics,  
[2019]  
ISBN: 9781611975857, 1611975859, 9781611975864, 9781611975864

### Additional literature

#### Books

Eldén, Lars, Wittmeyer-Koch, Linde, Bruun Nielsen, Hans, (2004) *Introduction  
to numerical computation : analysis and MATLAB® illustrations*. Lund :  
Studentlitteratur, 2004  
ISBN: 9144037279

Heath, Michael T., Heath, Michael T., (2002) *Scientific computing: an  
introductory survey*  
ISBN: 9780072399103, 9780071122290, 0072399104, 007112229X

O'Leary, Dianne P., (2009) *Scientific computing with case studies*. Philadelphia :  
Society for Industrial and Applied Mathematics, c2009.  
ISBN: 9780898716665, 0898716667