List of topics

Chapter 1
Syllabus
1/sqrt(x)
Sources of error
Alternative floats
IEEE Floats
Fund. floating point props.
Condition numbers
  Sharp (elm-wise) vs. Weak (norms)
Condition number of Ax=b
Overall floating point error
Variance computation

Chapter 2
Best approx prob.
Integrals, inner-products, and measures
Weierstrauss approx. thm.
Orthogonal functions
Lagrange interpolant
Chebyshev nodes
Barycentric interp.
Newton interp.
Divided differences
Hermite interpolation
Splines
Piecewise interp.
Error equation

Chapter 3
Approximating derivatives
Forward, backward diff.
Central diff.
Sensitivity of differen
Trapezoid + Simpson
Interpolatory quadrature
Degree of exactness
Orthogonal polynomials
Undetermined coefficients
Computer impl.
List of concepts

Chapter 1
Syllabus
1/sqrt(x)
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IEEE Floats
Fund. floating point props.
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  Sharp (elm-wise) vs. Weak (norms)
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Overall floating point error
  Variance computation

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Best approx prob.
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    Lagrange interpolant
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    Barycentric interp.
    Newton interp.
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    Hermite interpolation
    Splines
  Piecewise interp.
    Error equation

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Approximating derivatives
  Forward, backward diff.
  Central diff.
Sensitivity of differen
  Trapezoid + Simpson
Interpolatory quadrature
Degree of exactness
  Orthogonal polynomials
  Undetermined coefficients
  Computer impl.
List of techniques

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1/sqrt(x)
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**IEEE Floats**
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  - Sharp (elm-wise) vs. Weak (norms)
Condition number of Ax=b
Overall floating point error
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Best approx prob.
Integrals, inner-products, and measures
**Weierstrass thm.**
Orthogonal functions
Lagrange interpolant
Chebyshev nodes
**Barycentric interp.**
**Newton interp.**
**Divided differences**
**Hermite interpolation**
**Splines**
Piecewise interp.
Error equation

Chapter 3
Approximating derivatives
**Forward, backward diff.**
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Types of problems to expect

Explain what this Julia code does

function myfunc(xx, fvals, x)
    fx = zeros(length(x))
    for i=1:length(x)
        xind = findmin(abs(xx-x[i]))
        fx[i] = fvals[xind]
    end
end

Grading
- Type of problem (floating point, interp., diff, quad, …)
- Details.
Types of problems to expect

• Which code produced which output?
• Identify these concepts in an argument
• Use the idea of XXX to study ZZZ (concept generalization)
• What is the order of accuracy / scaling of the error term of this polynomial approx. / derivative approx.