**Materiais Complementares**

Este documento contém links para leituras, exemplos, exercícios e outros materiais sobre os assuntos versados nas aulas de Paradigmas de Programação.

## **Introdução**

* + Visão geral sobre paradigmas: <https://cs.lmu.edu/~ray/notes/paradigms/>
  + <http://www.cs.ucf.edu/~leavens/ComS541Fall97/hw-pages/paradigms/major.html>
  + <https://personal.utdallas.edu/~gupta/courses/apl/lec1.html>

## **Compilação e Interpretação**

* + <http://math.oxford.emory.edu/site/cs170/interpreterVsCompiler/>
  + <https://cs.lmu.edu/~ray/notes/introcompilers/>
  + <https://introcs.cs.princeton.edu/java/82compiler/>

## **Paradigma Declarativo**

* + Artigo *A Note on Declarative Programming Paradigms and the Future of Definitional Programming*: <https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.96.931&rep=rep1&type=pdf>
  + Artigo *Multi-paradigm Declarative Languages*: <https://www.informatik.uni-kiel.de/~mh/papers/ICLP07.pdf>

## **Paradigma Imperativo**

* + Notas de aula sobre Princípios de Programação Imperativa: <http://www.cs.cmu.edu/~iliano/courses/17F-CMU-CS122/schedule.shtml>
  + <https://www.inf.pucrs.br/~gustavo/disciplinas/pli/material/paradigmas-aula09.pdf>
  + <https://www.ppgsc.ufrn.br/~rogerio/material_auxiliar/CLP20132_linguagens_imperativas.pdf>

## **Paradigma Procedural**

* + Texto sobre paradigma procedural:<https://courses.cs.vt.edu/csonline/SE/Lessons/Procedural/index.html>

## **Paradigma Orientado a Objetos**

* + CodeGym, curso interativo para aprender Java: <https://codegym.cc/>
  + Notas sobre POO com Java: <https://math.hws.edu/eck/cs124/downloads/OOP2_from_Univ_KwaZulu-Natal.pdf>
  + Leitura do MIT sobre Interfaces em Java: <https://web.mit.edu/6.005/www/fa15/classes/14-interfaces/>
  + Vídeo do professor Hylson explicando Interfaces em Java: <https://www.youtube.com/watch?v=RI3eLuYngTI>

## **Paradigma Funcional**

* + Artigos sobre Cálculo Lambda:
    - <https://plato.stanford.edu/entries/lambda-calculus/>
    - <https://personal.utdallas.edu/~gupta/courses/apl/lambda.pdf>
    - <https://crypto.stanford.edu/~blynn/lambda/>
  + Notas de aula sobre Programação Funcional: <https://cs.lmu.edu/~ray/notes/functionalprogramming/>
  + Materiais de aula sobre Programação Funcional: <https://homepages.dcc.ufmg.br/~camarao/haskell/>
  + Slides sobre Cálculo Lambda: <http://www.cs.columbia.edu/~sedwards/classes/2012/w4115-fall/lambda.pdf>
  + Slides sobre Cálculo Lambda e Programação Funcional em Haskell: <http://www.facom.ufu.br/~madriana/PF/LambdaCal.pdf>
  + Apostila de Programação Funcional com Haskell: <https://www.inf.ufpr.br/andrey/ci062/ProgramacaoHaskell.pdf>
  + Slides sobre Programação Funcional em Haskell: <http://www.decom.ufop.br/romildo/2012-1/bcc222/slides/>
  + Material de Programação Funcional do professor Jorge Muniz Barreto: <https://www.inf.ufsc.br/~j.barreto/PF/>
  + Slides “Concurrency and Functional Programming”, utilizando Clojure: <https://home.cs.colorado.edu/~kena/classes/5828/f15/lectures/11-concurrencyandfp.pdf>
  + Livreto sobre Clojure: <https://courses.engr.illinois.edu/cs225/fa2017/honors/handouts/introduction-to-clojure.pdf>
  + Artigo A functional paradigm using the C language for teaching Programming for Engineers: <http://cleilaclo2018.mackenzie.br/docs/SIESC/182774.pdf>
  + Artigo MateFun: Functional Programming and Math with adolescents: <http://cleilaclo2018.mackenzie.br/docs/SIESC/182970.pdf>
  + Artigo sobre F#: <https://docs.microsoft.com/en-us/archive/msdn-magazine/2010/april/fsharp-basics-an-introduction-to-functional-programming-for-net-developers>
  + Introdução à Programação Funcional em Haskell: <https://haskell.pesquisa.ufabc.edu.br/haskell/>
  + Compiladores de Haskell online:
    - <https://replit.com/languages/haskell>
    - <https://www.tutorialspoint.com/compile_haskell_online.php>
    - <https://www.jdoodle.com/execute-haskell-online/>
    - <https://www.codingrooms.com/compiler/haskell/>
  + Compiladores de F# online:
    - <https://www.tutorialspoint.com/compile_fsharp_online.php>
    - <https://www.jdoodle.com/compile-fsharp-online/>
    - <https://replit.com/languages/fsharp>

## **Paradigma Lógico**

* + Manual de referência SWI-PROLOG: <https://www.swi-prolog.org/pldoc/doc_for?object=manual>
  + An Introduction to Prolog III: <http://alain.colmerauer.free.fr/alcol/ArchivesPublications/Prolog3/acmprolog3e.pdf>
  + Sintaxe e Semântica de Programas Prolog: <https://dcm.ffclrp.usp.br/~augusto/teaching/ia/IA-Prolog-Sintaxe-Semantica.pdf>

## **[COMPLEMENTAR]**

Caso perceba algum link quebrado, favor entrar em contato: [ricardo.ladeira@ifc.edu.br](mailto:ricardo.ladeira@ifc.edu.br).