# ATBD LATEX Template

## March 16, 2019

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### 1 Introduction

Intro Lorem Ipsum Text

## 2 HistoricalPerspective

Historical Perspective Lorem Ipsum Text

## 3 Algorithm Description

Algorithm Description Lorem Ipsum Text

## 3.1 ScientificTheory

Scientific Theory Lorem Ipsum Text

#### 3.1.1 Assumptions

Scientific Theory Lorem Ipsum Text

### 3.2 MathematicalTheory

Mathematical Theory Lorem Ipsum Text

#### 3.2.1 Assumptions

Mathematical Theory Assumptions Lorem Ipsum Text

## 3.3 AlgorithmInputVariables

AlgorithmInputVariables Lorem Ipsum Text

#### 3.3.1 AlgorthimInputVariablesLongName

Input Name Lorem Ipsum Text

#### ${\bf 3.3.2}\quad Algorthim Input Variables Unit$

Input Unit Lorem Ipsum Text

## 3.4 AlgorithmOutputVariables

AlgorithmOutputVariables Lorem Ipsum Text

#### ${\bf 3.4.1} \quad Algorthim Output Variables Long Name$

Output Lorem Ipsum Text

#### 3.4.2 AlgorthimOutputVariablesUnit

Output Lorem Ipsum Text

## 4 Algorithm Usage

Alg Usage Lorem Ipsum Text

#### 4.1 Constraints

Constraints Lorem Ipsum Text