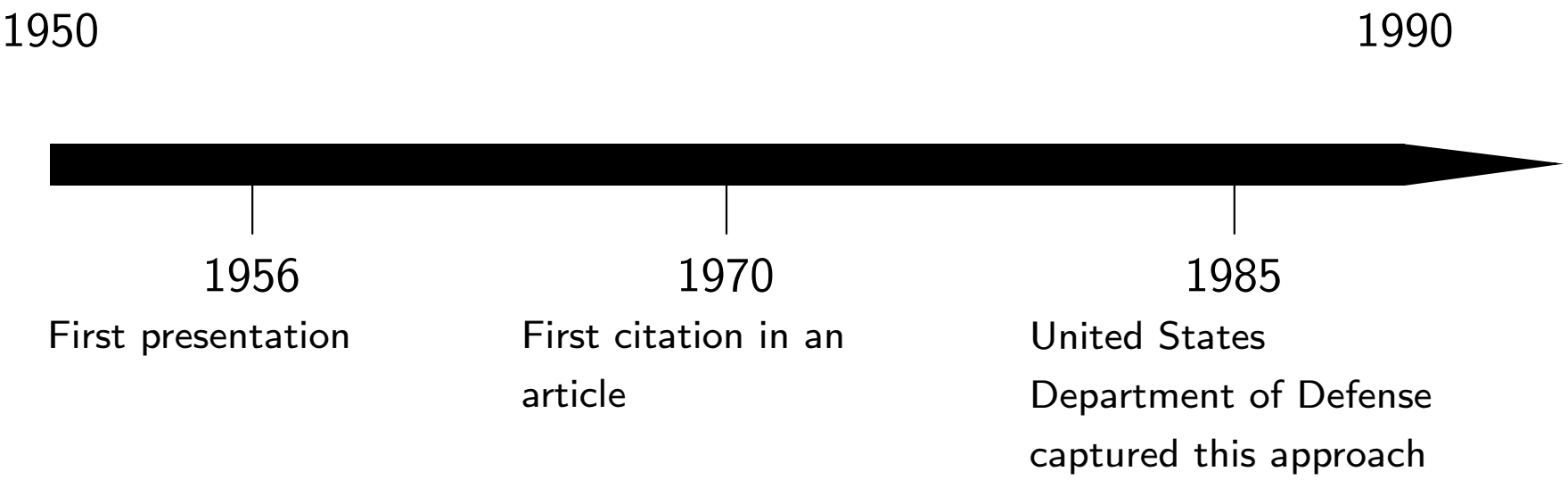
Introduction and History

Introduction

- Linear sequential phases
- Used in engineering design
- In software development :
  - earliest SDLC approach
  - the less iterative and flexible approaches

Introduction and History

History



Requirement

system requirement

The first part of this method is about the plan of the product, the price, the deadline and everything out of the product creation

software requirement

in this phase we need to know what will the product and document everything about it, functionality of the product, interface , support of the product

Analysis and Design

Analysis

In this phase we need to understand the project and structure it to generate a model that will be used in the implementation. In this phase we also need to know the technical resources that will be used (for example the server for an application)

Design

The design is the phase we choose the details about implementation such as the language used, the class and libraries used for next phase

Coding

Coding

At this stage we start implementing the project,using the model and logic found during the last phase.The project will most likely be coded in smaller components before being put together.

Testing

After coding we need to test our product to see if it works well,do some quality insurance and debug.

Last operation

Deployment

The product is judged finished and deployed into action.

Maintenance

Correction of bug and performance maintenance to improve or fix the final product. That can lead to a series of patches.