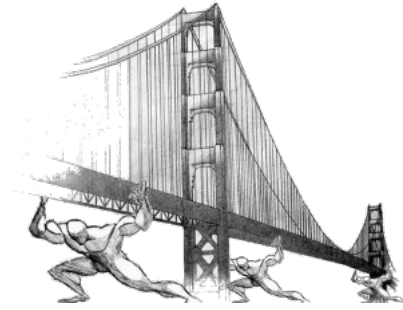
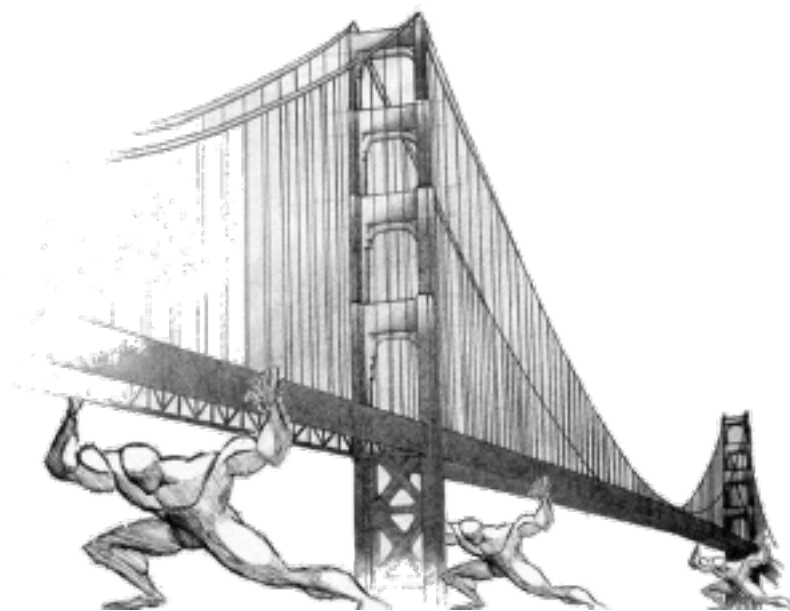


# Distributed Software Development

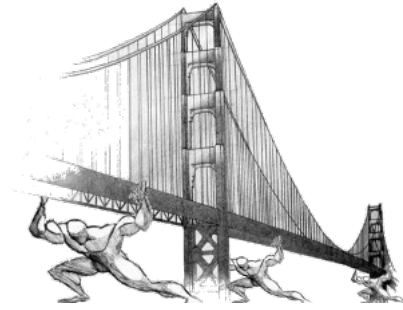
The Development Group



# Real-Time Bridge Monitoring Beta Prototype

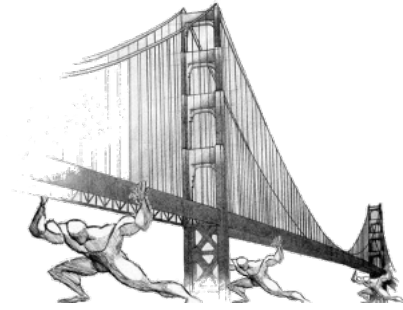


# Overview



- Team Organization
- Project Status
- Alpha Prototype
- Experiences
- Beta Pototype
- Demo
- Screenshots
- Question time

# Team Organization



- The Development Group



Andrea Bottoli (PoliMi)



Lorenzo Pagliari (PoliMi)



Marko Brčić (FER)



Dzana Kujan (MDH)



Jörn Tillmanns (MDH)

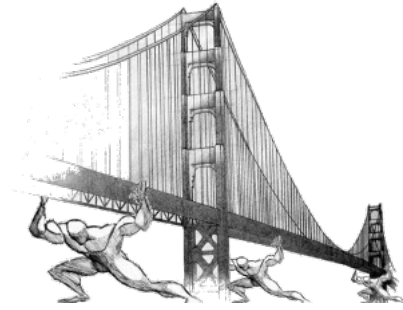


Miraldi Fifo (MDH)



Nikola Radisavljevic (MDH)

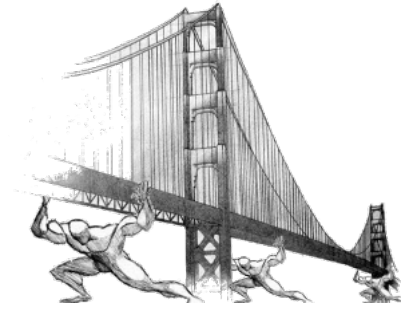
# Team Organization



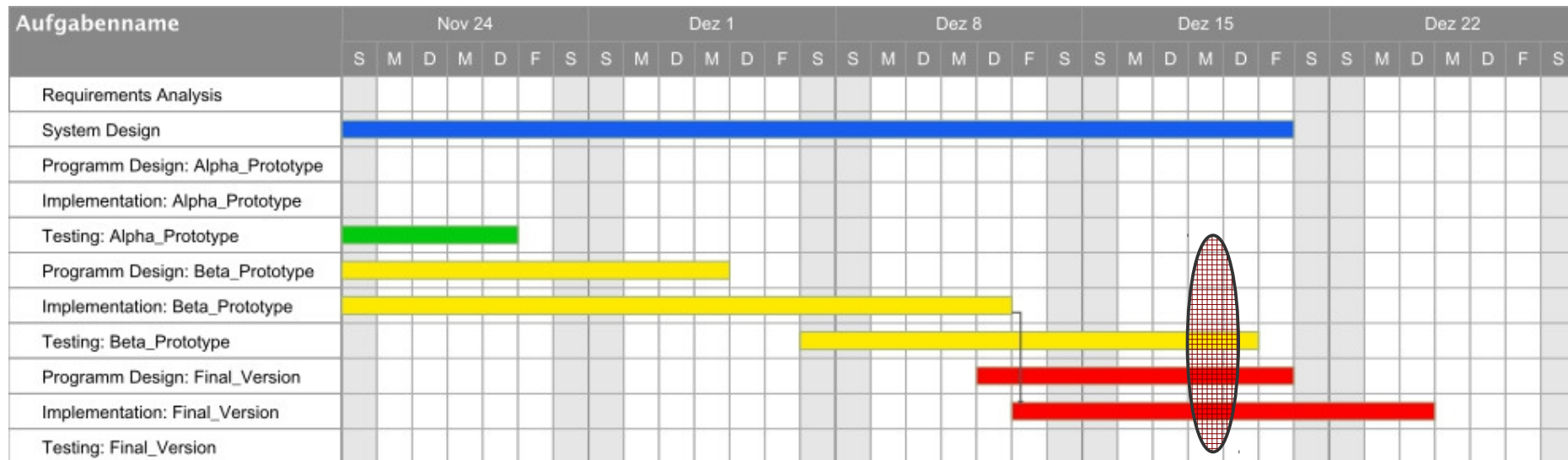
- Roles

Name	Initials	Responsibility (roles)
Andrea Bottoli	AB	Project Manager
<i>Dzana Kujan</i>	<i>DK</i>	<i>Team Leader</i>
Marco Brčić	MB	Documentation Manager
Lorenzo Pagliari	LP	Design Manager
Miraldi Fifo	MF	Testing Manager
Jörn Tillmanns	JT	Database Manager
Nikola Radisavljevic	NR	Integration Manager

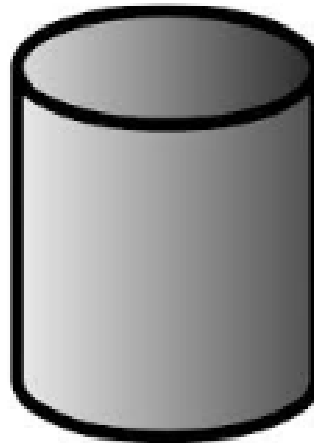
# Project Status



- Project Plan
  - Where we are and what we have to do



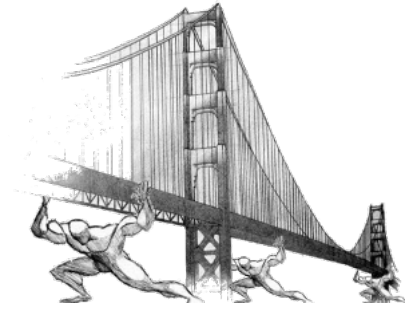
- .txt 1



The graph illustrates the progression of COVID-19 cases in the United States. It begins with a period of low case counts in April and May 2020. A significant upward trend starts in June 2020, with cases rising to approximately 10 million by September. A major peak is reached in late October/early November 2020, with cases exceeding 18 million. This is followed by a sharp decline in December 2020 and January 2021. Cases begin to rise again in February 2021, reaching about 12 million by April 2021.

# Presentation

# Experiences

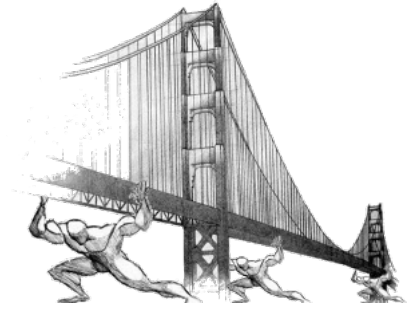


- Improved the documentation
  - Requirements Documentation v1.3
  - Design Documentation v1.5
  - Technical Documentation v1.1
  - User Guide v1.0
  - Installation Guide v1.0
  - Acceptance Test Documentation v1.0



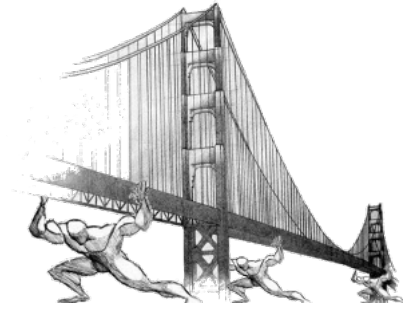
# Experiences

- New Functionalities

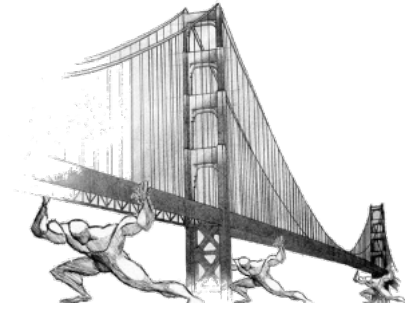


# Experiences

- Problems for the beta prototype
- Solutions
- Positive experiences

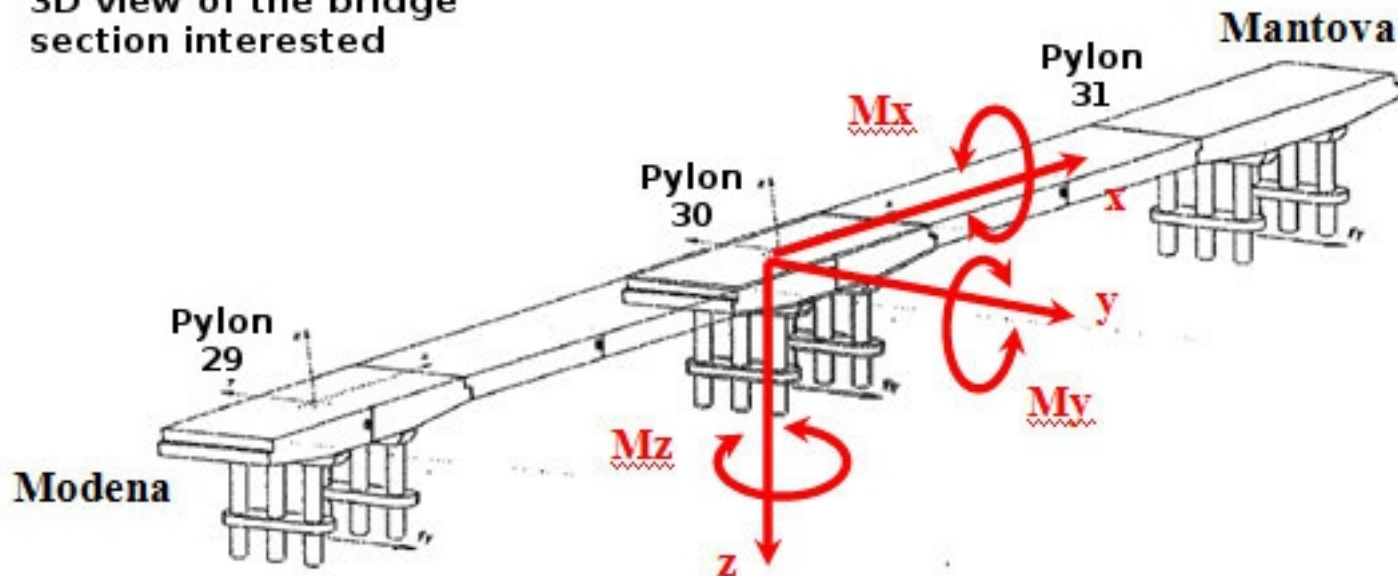


# Beta Prototype

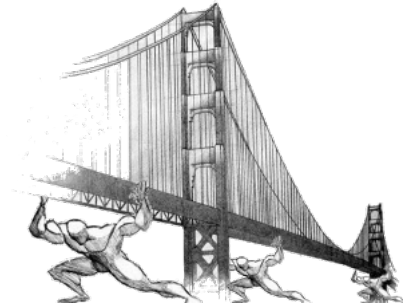


- Calculations

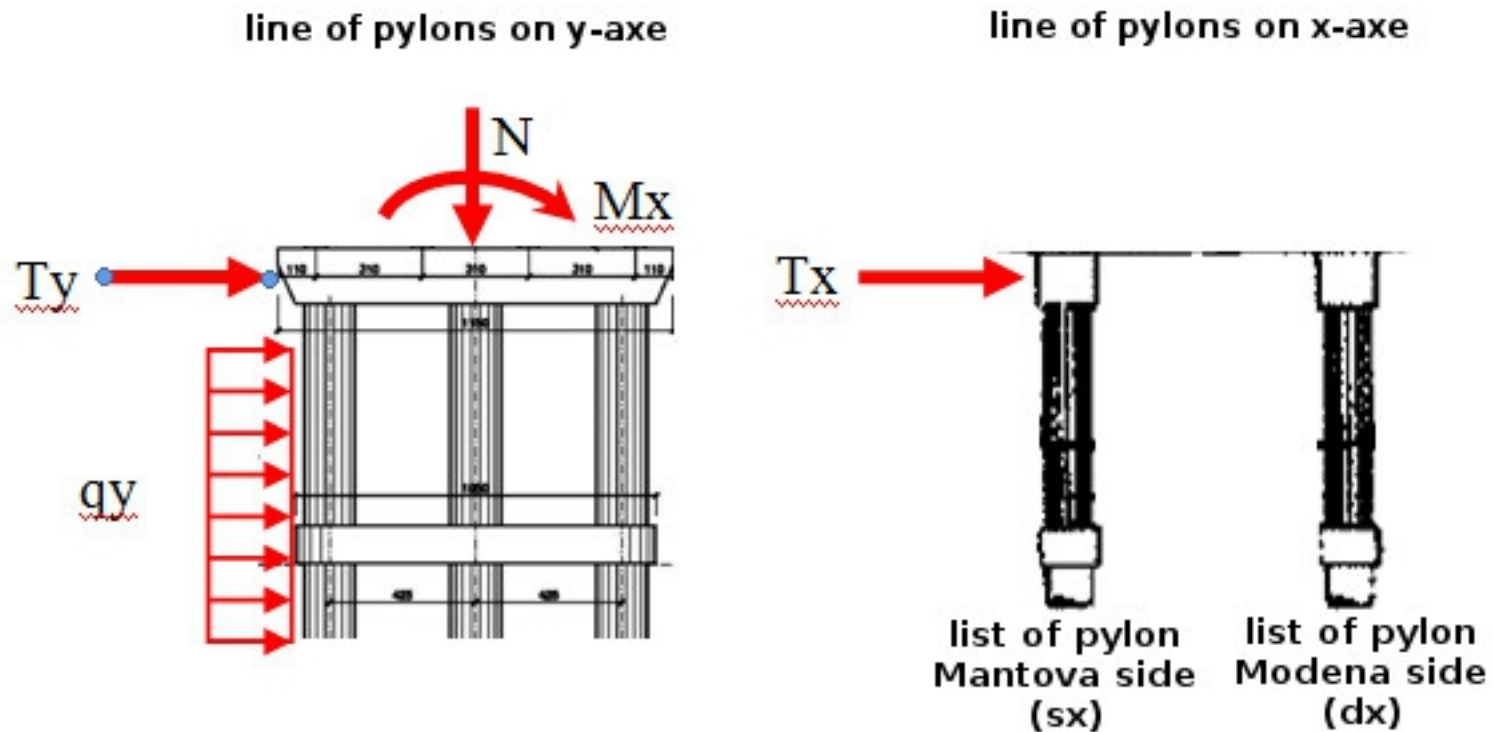
3D view of the bridge section interested



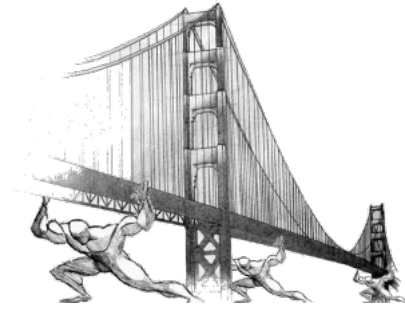
# Beta Prototype



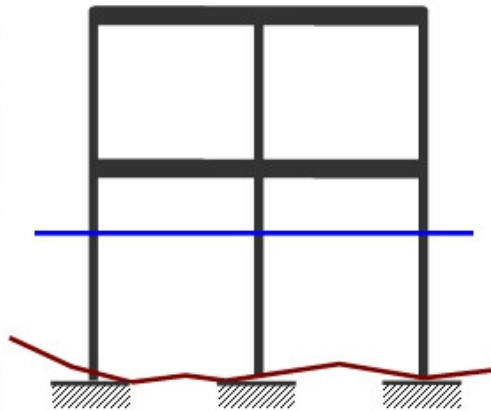
- Calculations



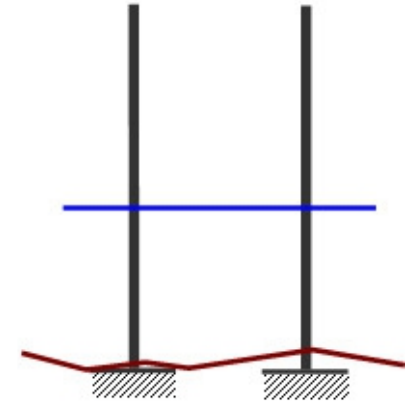
# Beta Prototype



- Calculations



Stack 31



Stack 30

Stack 29



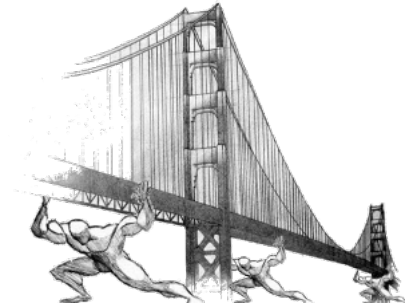
← Mantova side  
left



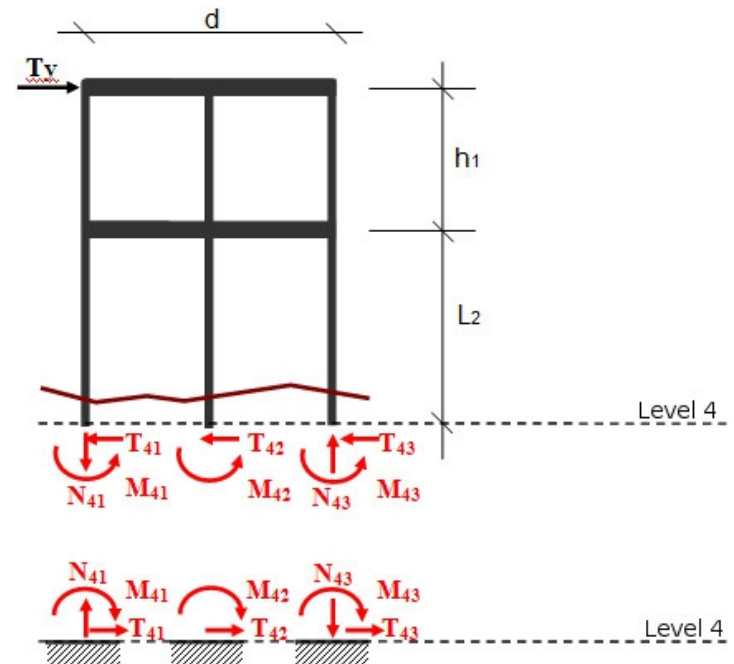
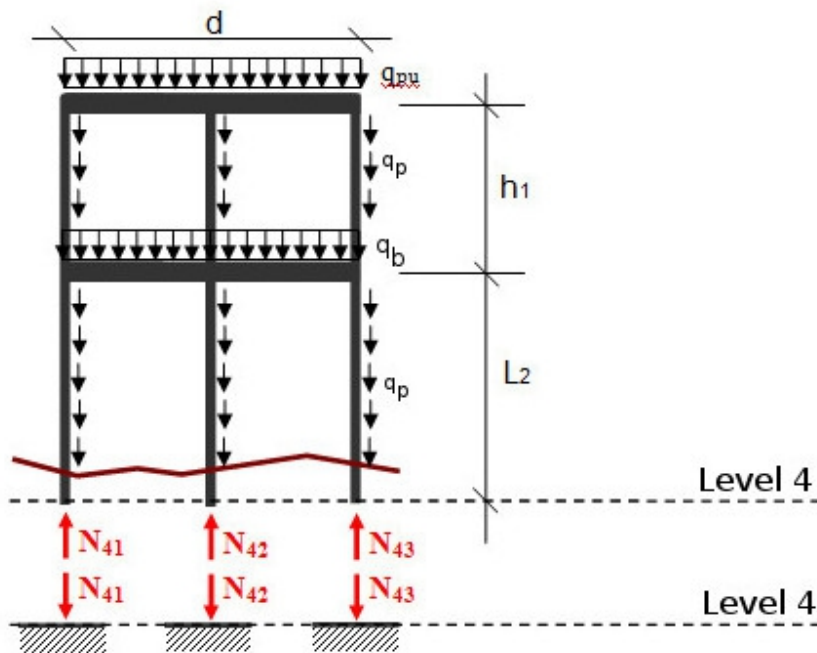
Modena side  
left →



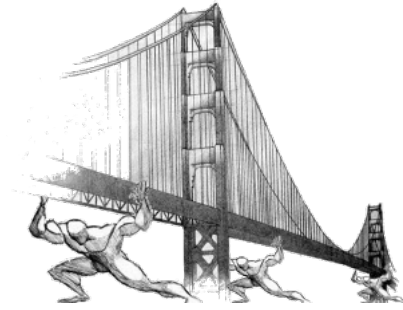
# Beta Prototype



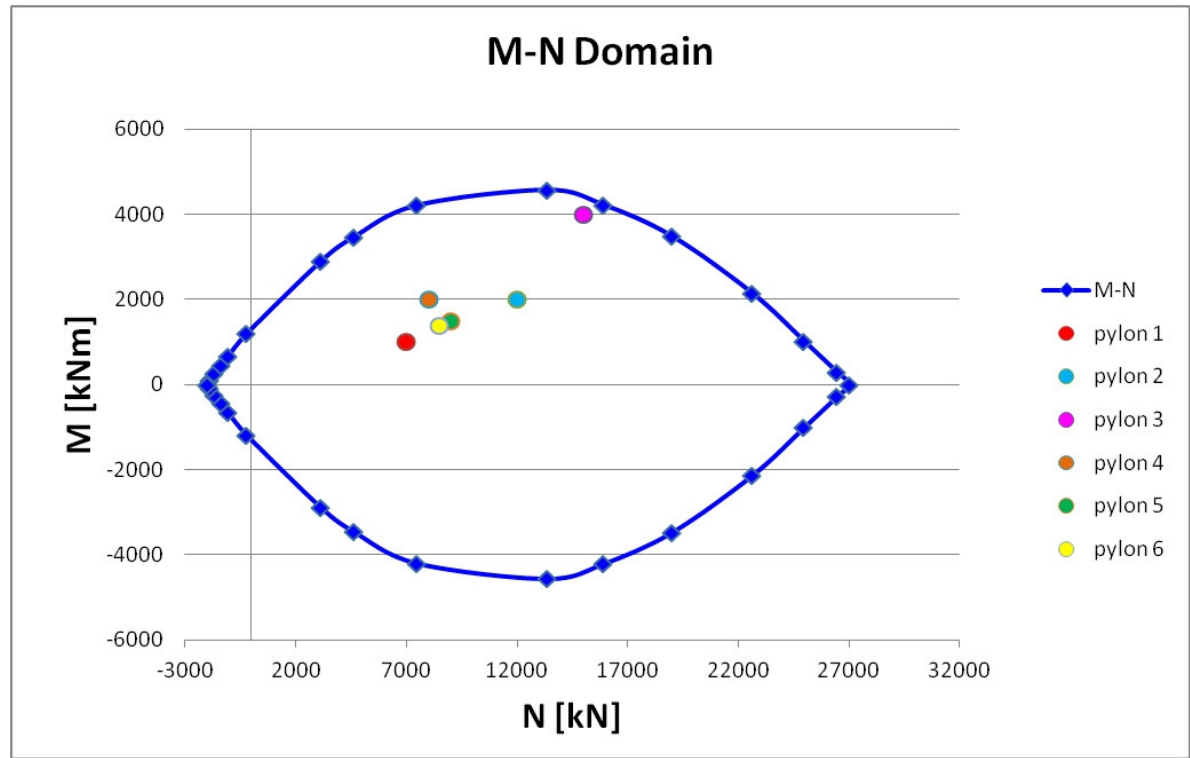
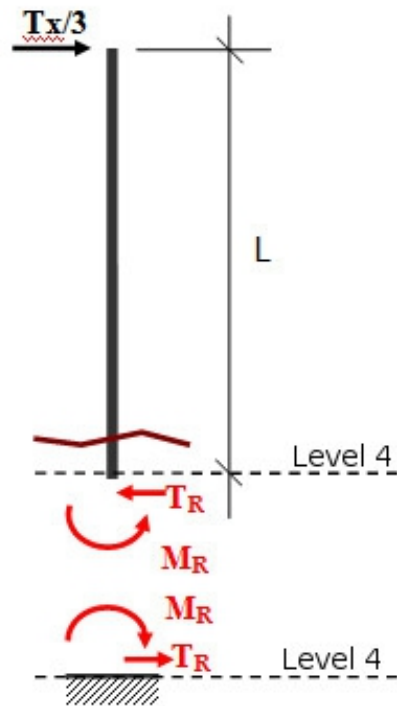
- Calculations



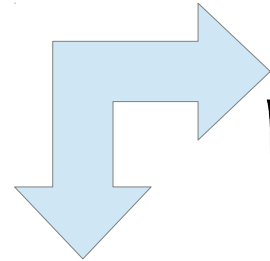
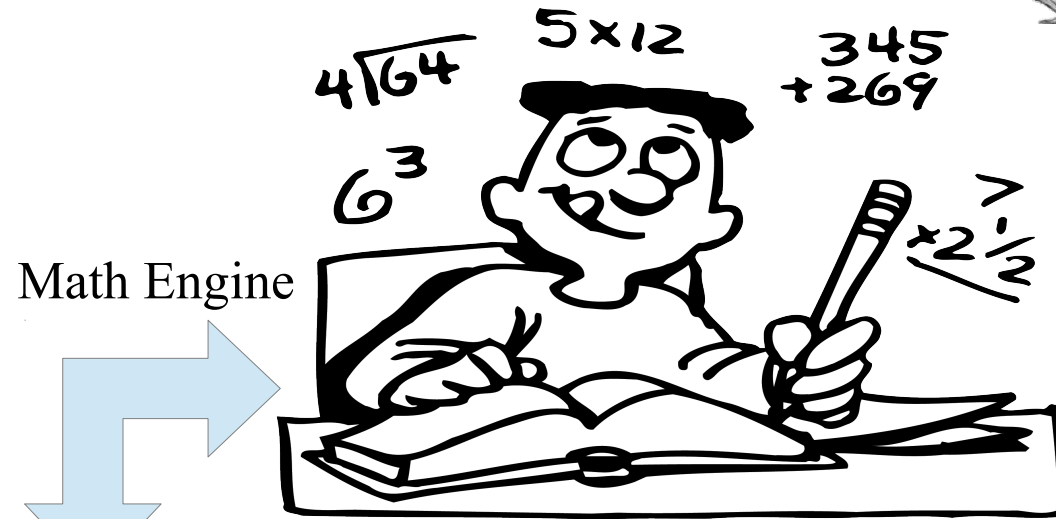
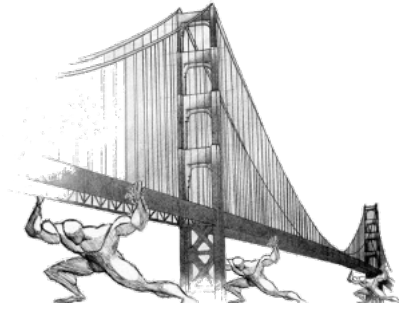
# Beta Prototype



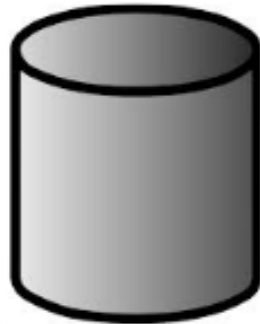
- Calculations



# Beta Prototype



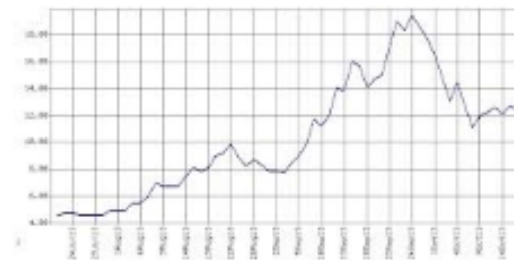
Parser



Servlet



JSP



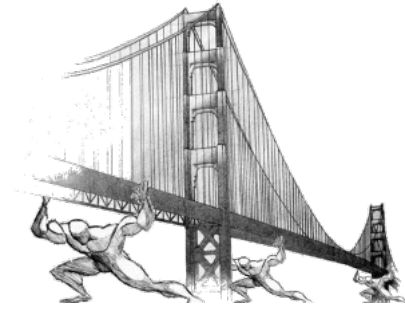
Files

Database

Presentation

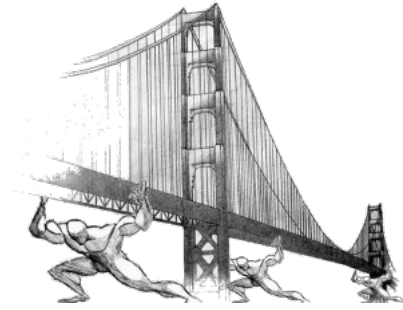


# Demo

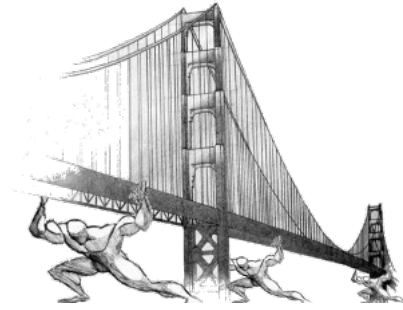


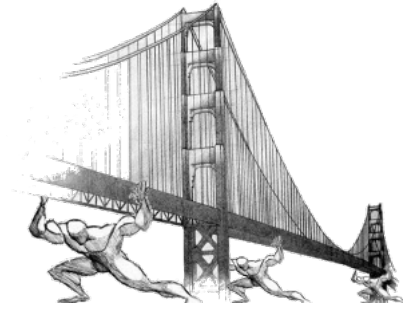
- Localhost
- VM: <http://161.53.67.134/BridgeMonitoring/>

# Screenshots



# Question Time





# Thank you for your attention

