

# Decision Making Modeling in Structural Integration Management

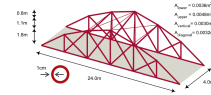
Utility Theorem Decision  
Making Modelling



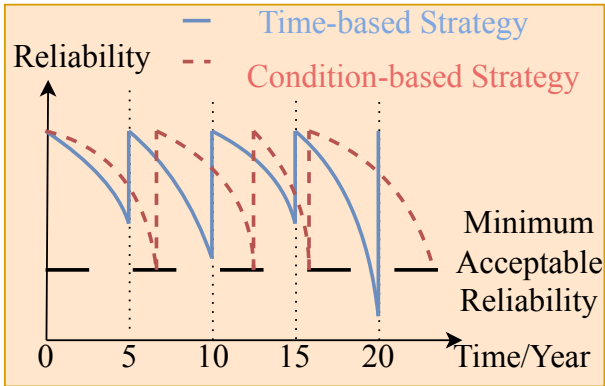
Bridge Manager

Damage Information from SHM

Deterioration Modeling



Bridges In Operation



Structural Health Monitoring  
Damage Identification:  
Damage Existence?  
Damage Localisation?  
Damage Classification?  
Damage Quantification?  
Life Time Prognosis

