

Principais Mecanismos de Degradação das *Estruturas de Aço*

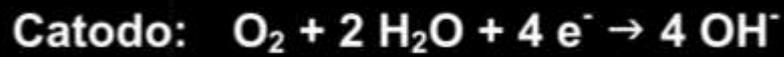
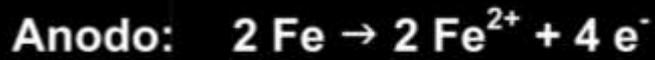
Fabio Domingos Pannoni, Ph.D.
Consultor Técnico Gerdau



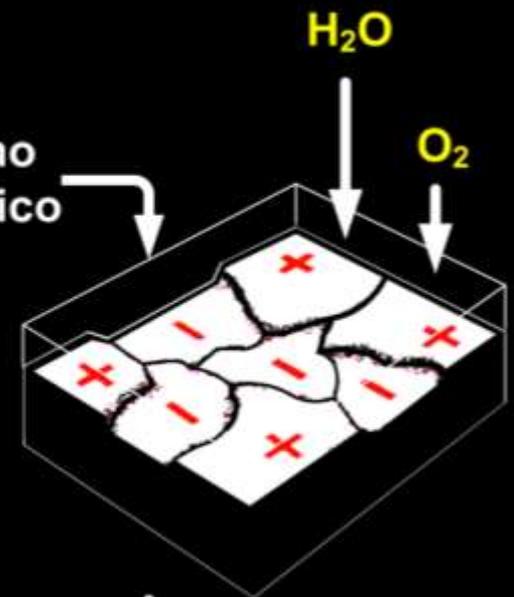
Corrosão é um processo



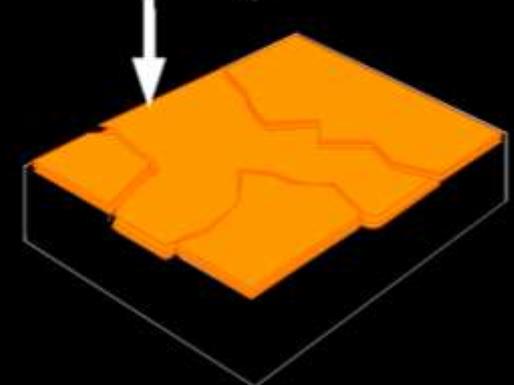
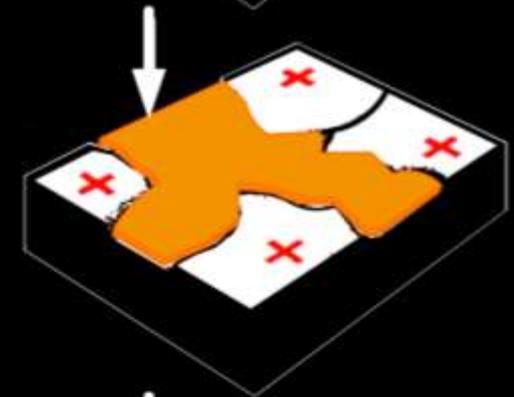
espontâneo



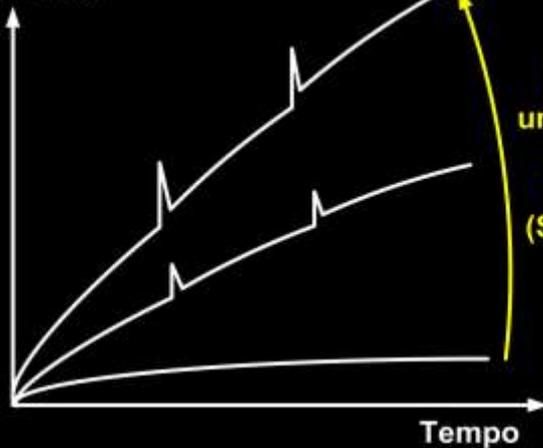
Mecanismo
eletroquímico



FeOOH



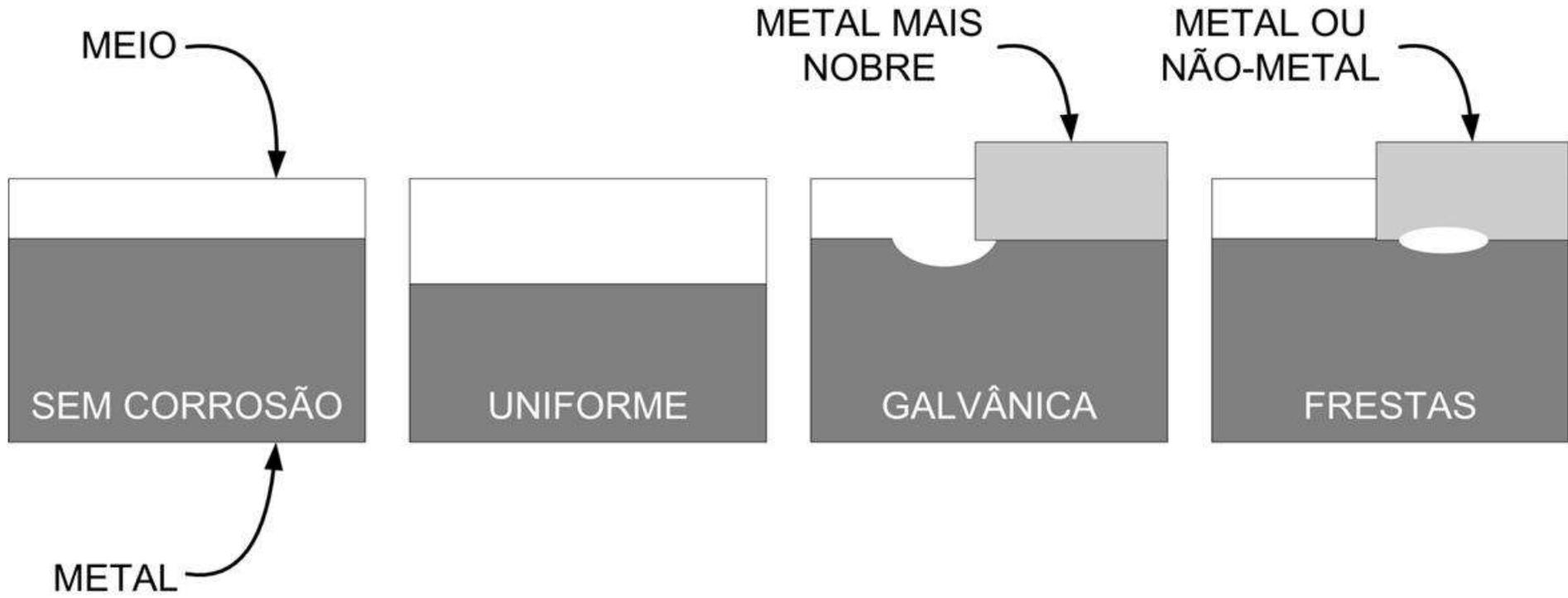
Efeito acumulado
da corrosão



Tempo de
umedecimento

Poluentes
(SO₂, Cl⁻, etc.)

Tempo



NBR 8800:2008

“Projeto de Estruturas de Aço e Estruturas Mistas de Aço e Concreto de Edifícios”

Classificação do ambiente

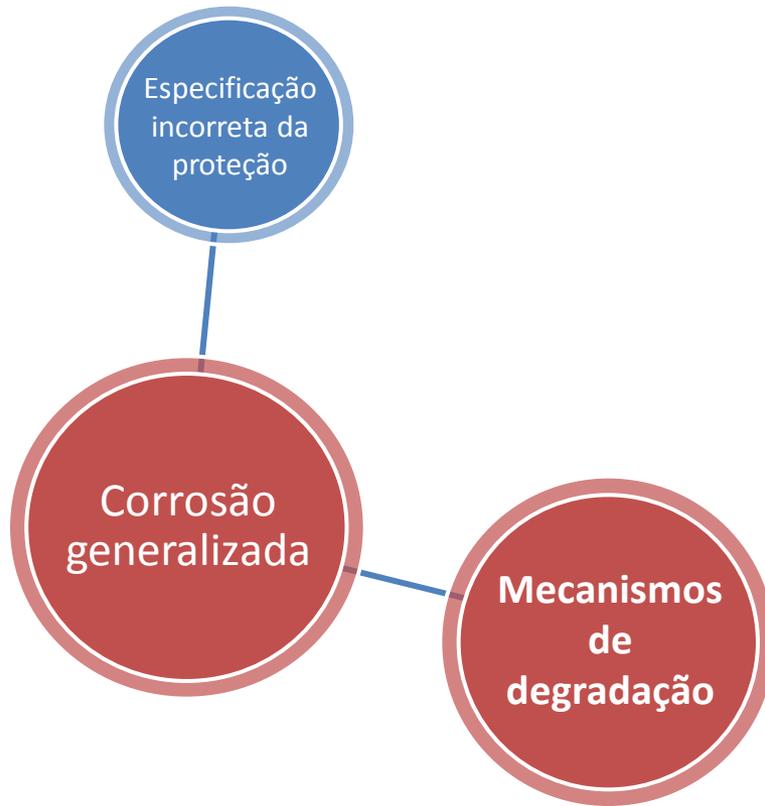
Agressividade

Escolha do sistema de proteção

Norma internacional
Consagrada

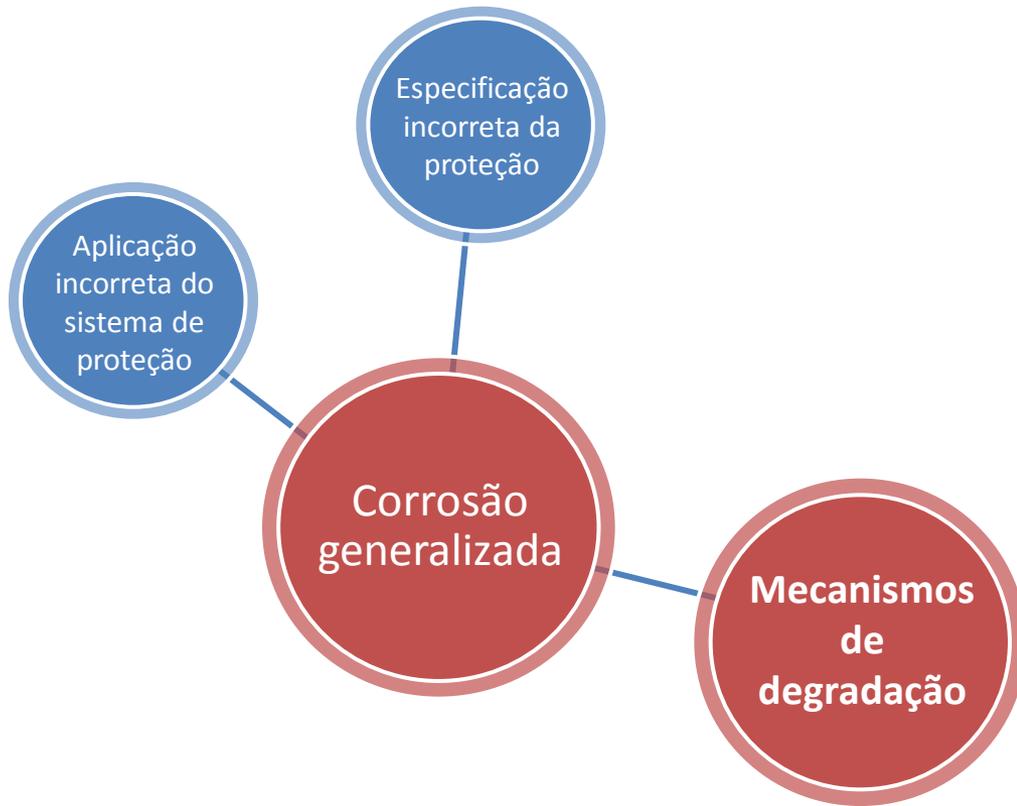
Detalhamento de projeto

Acessibilidade
Frestas
Drenagem
Pares galvânicos

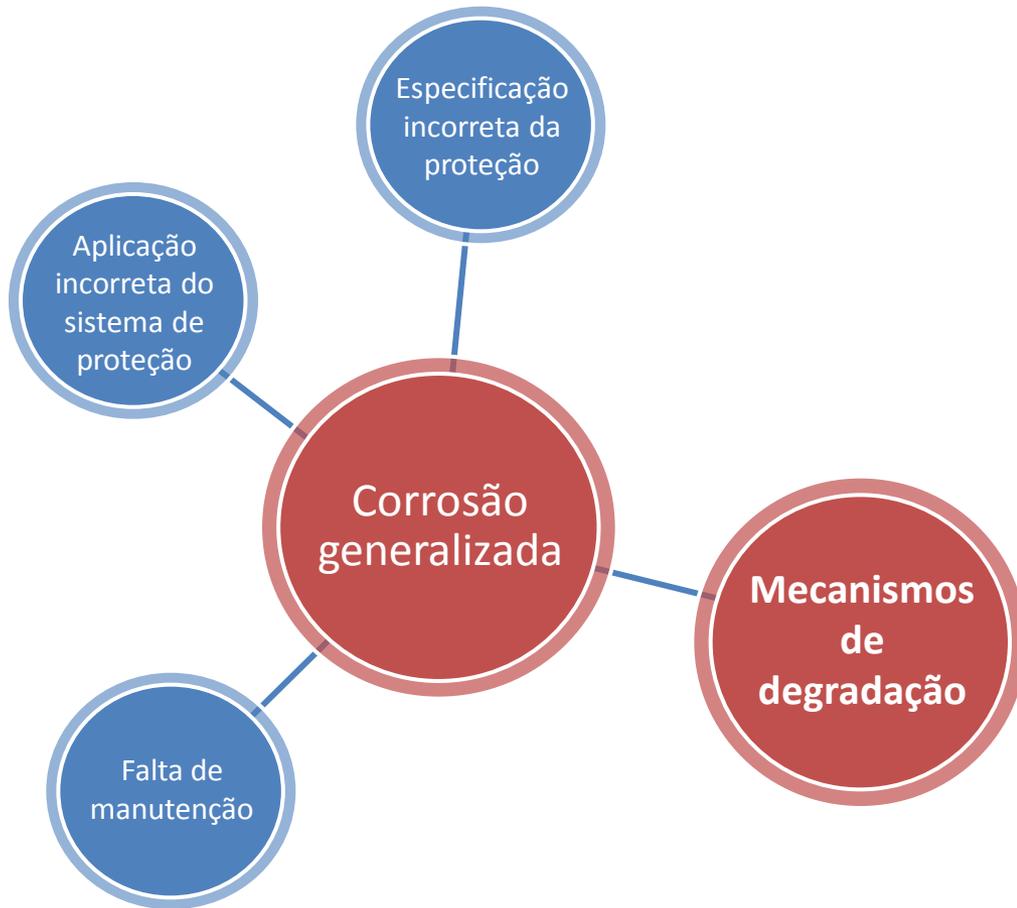








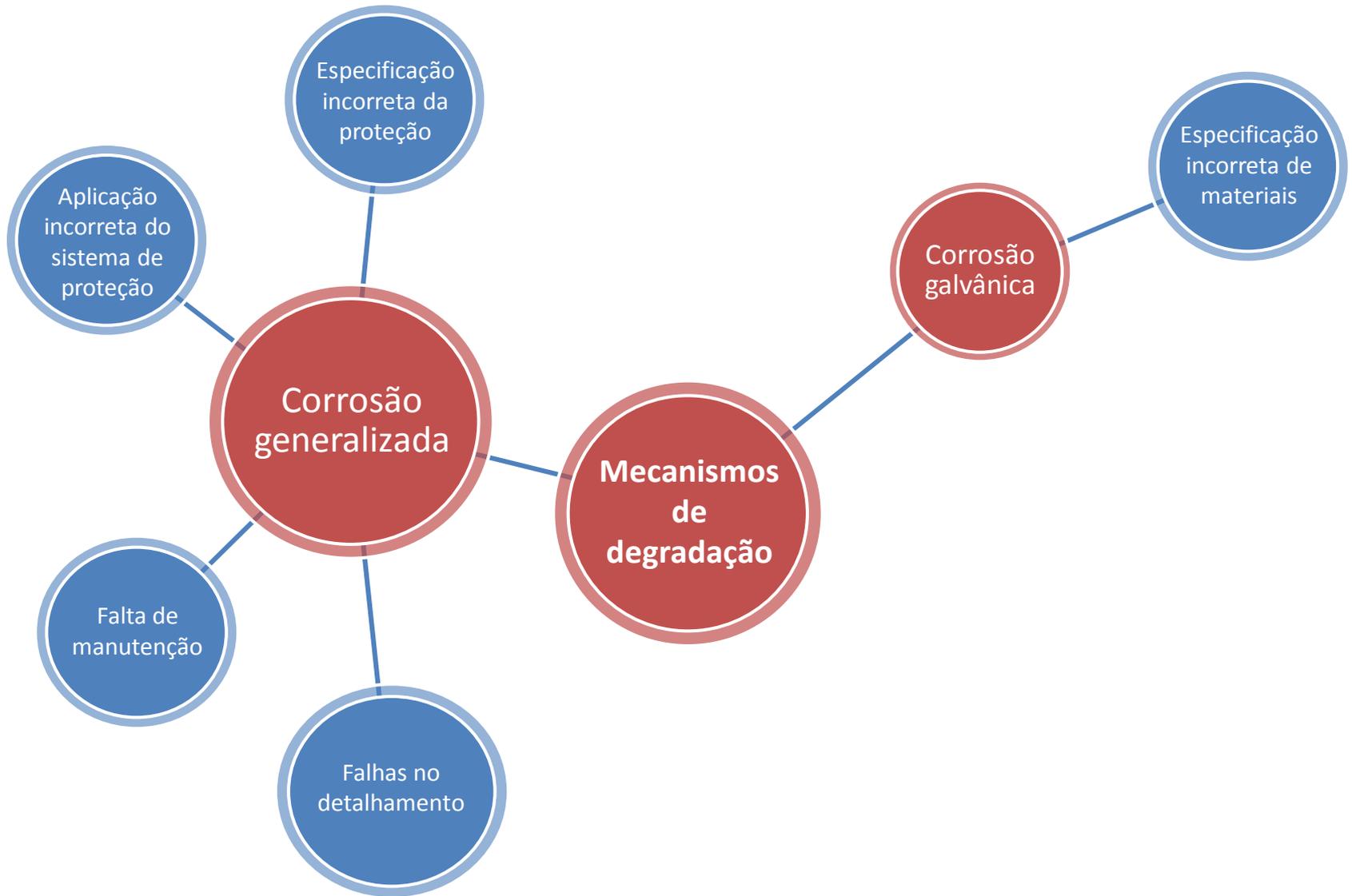




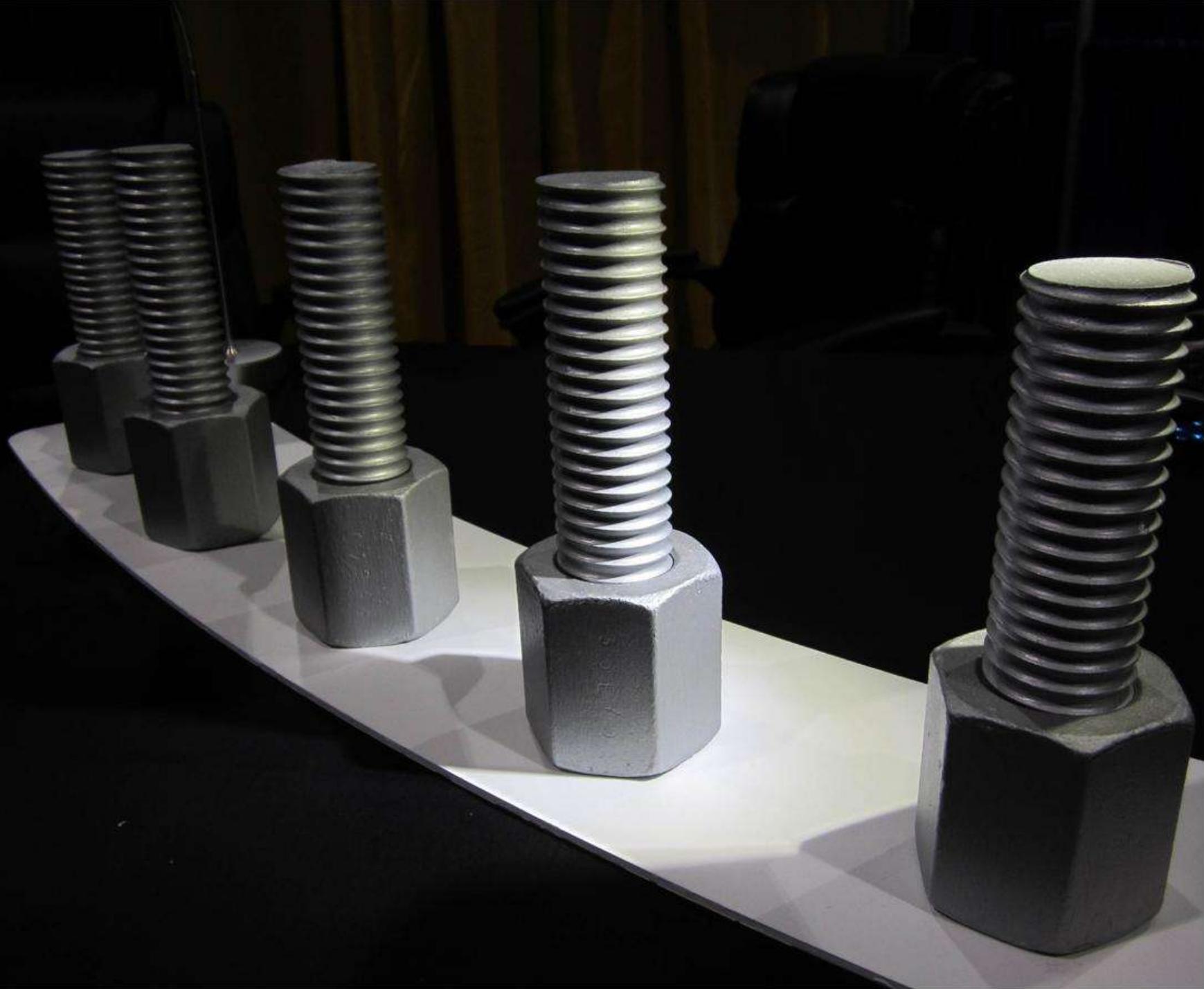


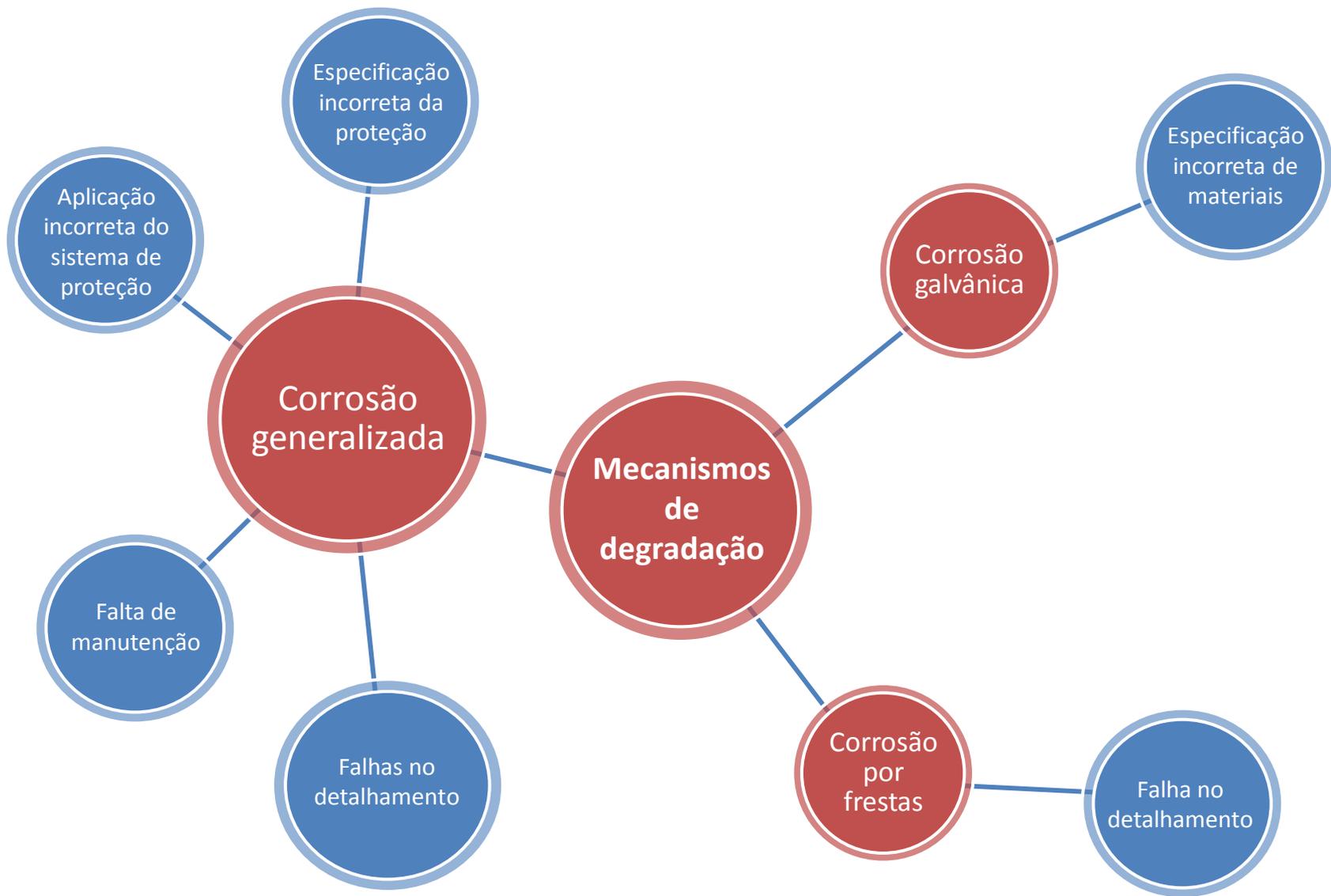


















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