

鋼構橋樑週期性載重裂縫修護工法選擇之探討

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摘要

Heavy traffic is one of the key reasons why a bridge is often damaged. The application of steel bridges has been becoming very popular. A lot of researches have been done on the repair, rehabilitation and management of concrete bridges. However, this is not the case for steel bridges. Deformation in the structural components due to external force can happen to all steel bridges. The Analytic Hierarchical Process (AHP) for selecting a proper rehabilitation method presented by Yu is used in this paper to investigate how to repair deformation due to external force in the structural component of the Kuan-Do Bridge.

關鍵字：Steel Bridges, Rehabilitation, Component deformation, AHP