

電子式手煞車之設計與控制

Phi-Dung, Nguyen、鄭鴻儀

E-mail: 9706895@mail.dyu.edu.tw

摘要

電子式手煞車系統包含自動停駐車輛功能，所配置的車輛在引擎熄火時，系統可提供車輛煞車力。其系統操作是由手觸型電子式按鈕控制，便利駕駛操作控制電子式手煞車，當開啟按鈕時儀表板上訊燈亮，停車當停駐之車輛進入行駛狀態前，EPB系統ECU自動判斷並解除手煞車。本研究著手設計一EPB系統，包含系統機構動態，以及建立關於車內的網絡與其他控制元件連結的特性。

關鍵詞：電子式手煞車系統；動態分析；車身網路匯流排

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