

researchers attempted to improve the efficiency of using composite material by minimizing the thickness[schmit1973optimum, schmit1977optimum, fukunaga1991strength, soares1995discrete, le1995improved, jayatheertha1996application, wang1996optimum, adali1997minimum, correia1997higher, scares1997optimization, abu1998optimum, lombardi1998anti, le1998design, sivakumar1998optimum, barakat1999use, richard2000reliability, moita2000sensitivity, soremekun2001composite, walker2003technique, di2003multiconstrained, kere2003using].