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RESEARCH ON THE FREQUENCY CHARACTERIZATION METHOD OF STRUCTURAL DESIGN

Abstract

Along with the continuing expand of space activities area, the goal of payload maximazation has been received special attentions by structural designers for a long time. The traditional method of spatial structural design is described and the deficiency of it is also indicated. Through optimizing the design process and refining the hot topic of the traditional method, the frequency characterization method is proposed. The realization of the method is explained in detail by the description of typical structural part design. As inheritance and development of the traditional method of spatial structural design, the frequency characterization method will have a widespread application foreground.