

Analysis and Design of Irregular Large Cantilever Structure of Statue

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Abstract : With the development of the tourism and religion, more and more large statue structures are adopted to build all over the world. For instance, the GuanYin statue with three plane reaches 108 meters high in HaiNan province in China. These statue structures belong to typical high-rise Building. However, the geometry sculpt of statues are complicated. The irregular shape makes these structures more complicated in force analysis than those normal standard tall buildings. In this paper, the Liu Bang Statue which is located at XuZhou in China.

Keywords : large statue structure, special-shaped steel, GuanYin statue, China

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