

# 建築資訊模型(BIM)應用於排程計算之研究

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## 摘要

The information technology has been applied heavily in construction industry for quite a few years. The BIM (Building Information Model) is the one that has closely tied to the construction industry. Although using BIM in building design is not as popular as AUTOCAD, for the long-term future development, the BIM system, which can integrate graphic data and has 3D visualized design capability, will be the trend of using CAD (Computer Aided Design) in the construction industry. At present, the BIM system integrates different kinds of design drawings and data together, but, in essence, it is not so helpful in construction planning. Thus, the developmental trend in the construction trend will be how to apply BIM system to assist construction planning.

The purpose of this research is to develop a program will generate project schedule baseline to simplify the present construction planning routines for the contractors.

關鍵字：BIM, Project Management, Construction Management