

# 音樂類型對於程式設計績效之影響

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## 摘要

Program design is one basic requirement of professional competence in IT industry. The requirement of programmers has not diminished. Therefore, Universities set up an Information Department and trained expert programmers. Most people believed that programming depends on learner's ability, but that ignores effect of environment. This research aimed to explore the affect of music in the environment, on participator's brain waves. Further discuss the brain waves that how to affect the programming performance. Expect to enhance the program performance. The result indicated that different kind of music would have a significant effect on programming performance and participator's meditation. Besides, this research discarded the factor of prior knowledge and the programming performance still have a significant effect. The result presents the kind of music could enhance programming performance even the participator have different prior knowledge.

關鍵字：Electroencephalogram, Programming, Music Type, Learning Effectiveness, Mozart Effect.