

# **Optimum design of pendulum tuned mass dampers for applications to high-rise buildings subjected to wind-induced vibrations**

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this is the abstract

# **1 Introduction**

## **1.1 Context**

## 2 State-of-the-art

TMDs have first been optimized in [1]. A TMD is represented in Figure 2.1.

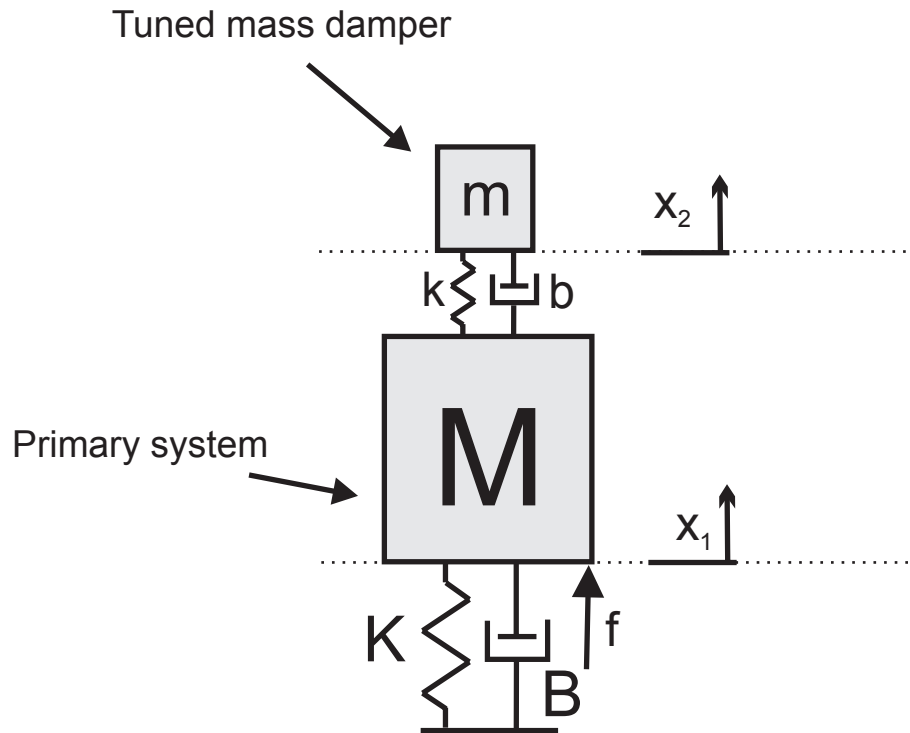


Figure 2.1 – Tuned mass damper attached to a primary system

# **3 Work plan**

This is the work plan

## 4 Tentative schedule

This is the tentative schedule

# Bibliography

- [1] JP Den Hartog. *Mechanical vibrations*. McGraw-Hill Book Company, 1956.