

5 CONCLUSIONS

Determination of TLCD parameters, such as natural frequency and damping ratio has been investigated. The result generate approaching response of Pendulum-TLCD system between simulation study and experiment, that have differentiation only 0.8%. From the response of pendulum vibration system with TLCD, the natural frequency and damping ratio can be determined by prediction and validation using calculated parameters shows that this method can be performed in determination of TLCD natural frequency and damping ratio.

