SINGLE AND MULTIPLE PLANE BALANCING

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Abstract

This project presents the application of the B&K Universal Balancing Machine. It was used with modification to ensure the machine perform the desired task. All the relevant parameter in the design of the rotating disc was considered. The theoretical background survey on the subject was also carried out.

From the experimental works, process of interpretation data, redesigning, modification, measurement and calibration have been covered. The data obtained from the experiment have been analyzed to get acceptable results. The effect of unbalance has been notified, and process of reducing excessive vibration effect has been discussed.

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