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Abstract
As the fast growth of the high-tech products , the effect of produce process to interfere with vibrates that is a very important question . It"s no matter what to interference of machine or environments that all have a huge interfere with precise
of process . There are two types of vibration control methods . One is passive isolation; the other is active isolation . Even though, the passive vibration isolation system is simple and inexpensive, but this is lower frequency range so the isolation
is worse.The active vibration isolation has bigger frequency range and the
characteristic could be adjusted appropriately according to the variety of environment
, although the structure is more complicated and the capital is also more expensive .
But the effect of vibration isolation is better; it was extensively used in sophisticated mechanical industry.
This research is to focus on the active isolation and to bring new initiative isolation system. Our will find the better way of feedback from the different feedback control test. Push the dynamic guide and the control simulate in the process of study . Finally, utilize the result of simulation and inferred transmissibility to compare with the compliance, and see if the new pattern isolation could actually take into effect by the sign of feedback control system.
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