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BAND LIMITED MOTION ONTROL OF CNC MACHINE TOOLS



Band Limited Motion Control
of CNC Machine Tools

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Band 20

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Cuvillier Verlag Jun 2010, 2010. Taschenbuch. Book Condition: Neu. 211x146x15 mm. Neuware - This thesis presents methods to fulfill the high speed and high accuracy demands of machine tools that have elastic drive systems with low eigenfrequencies. The methods, from parameter identification, to trajectory planning, to feedforward and feedback control structure, and to controller parameters are to make sure that the elastic drive systems bring no unacceptable deterioration of the quality of the workpiece due to vibrations. 178 pp. Englisch.

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- Authored by Zhang Xinmei
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