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Title: Novel multi-feature bar design for machine tools geometric errors identification

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- Thermo-invariant Multi-Features Bar with three parameters is designed and developed.
- Calibration of the Multi-Features Bar with an accurate CMM to ensure its traceability.
- Identification of the geometric errors by collecting the data of linear encoders.
- The required number of positions of the Multi-Features Bar is optimized to only 6 positions.

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