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A new MEMS three-axial frequency-modulated (FM) gyroscope: A mechanical perspective

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Highlights of the submitted paper:

A new MEMS three-axial frequency-modulated (FM) gyroscope: a mechanical perspective

- Complete formulation for a three-axial MEMS gyroscope based on the Frequency Modulation (FM) working principle.
- First study, design and micro-fabrication of an innovative three-axial MEMS FM gyroscope.
- First experimental results concerning the dynamic mechanical response of the first three-axial MEMS FM gyroscope confirming the validity of the proposed formulation and of the innovative design.

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