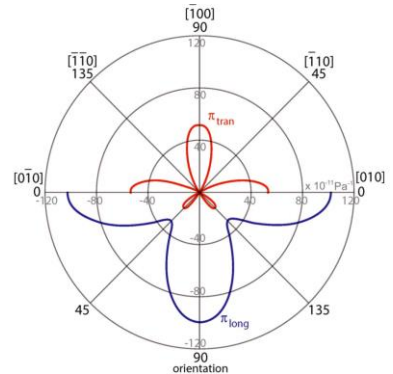


Design of On-Chip Stress Sensor

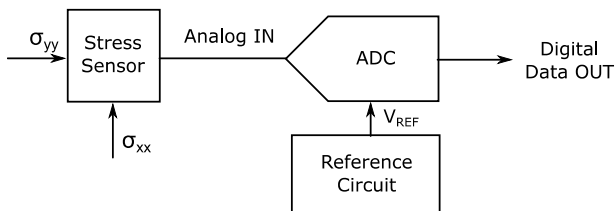
Background

Mechanical stress can be of high importance by designing of precision analog and mixed-signal circuits. The main goal of this work is to develop sensing and reference circuit components, in order to provide a proper compensation of most critical circuit parameters.



Your tasks

- Development of one of the following circuitry components
 - Stress Sensing Elements
 - Reference Circuitry
 - ADC



- Evaluation and further optimization regarding mismatch and temperature dependence.

Your profile

- Basic knowledge in analog and mixed-signal IC design fundamentals
- Basic experience with Cadence and MATLAB
- Ability to work both in a team as well as independently
- High motivation for the design of analog and mixed-signal ICs

Interested? Don't hesitate to ask or apply directly per mail

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