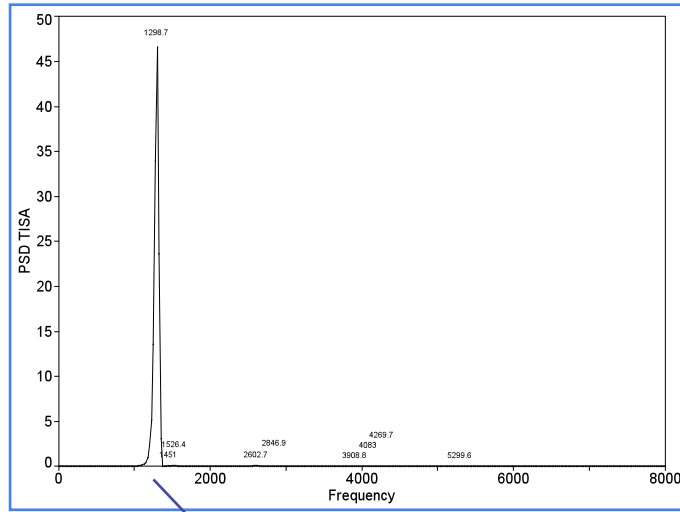
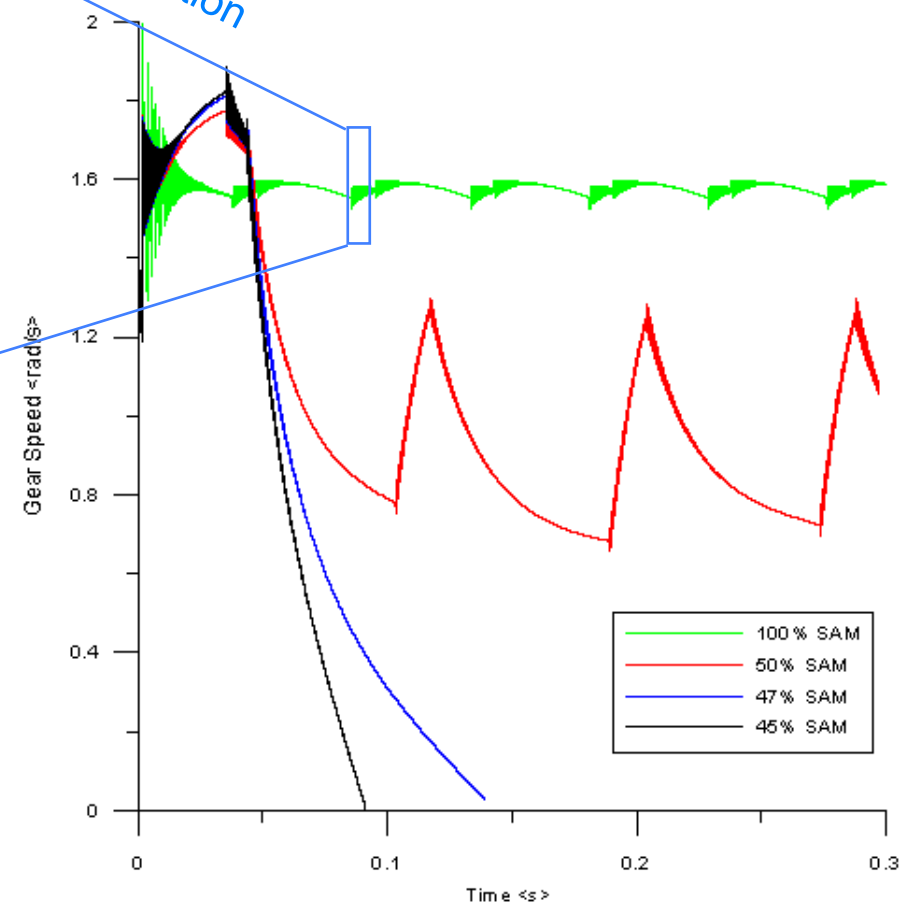


Predicting SAM degradation during micro-gear operation

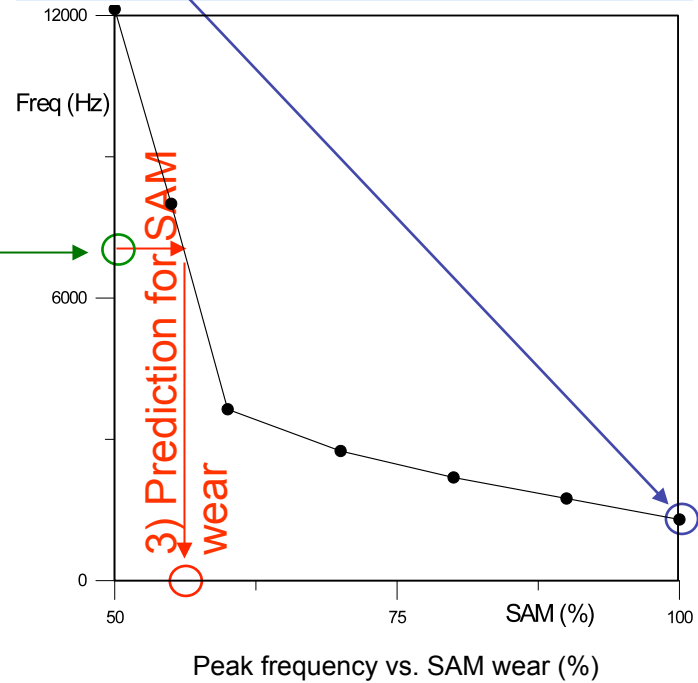
Power spectral density of the impact window



1) Calibration



2) Measurement of Impact frequency



"Impact dynamics of rough and surface protected MEMS gears", Tribology International, Vol. 42, pp. 197 205 (2009)