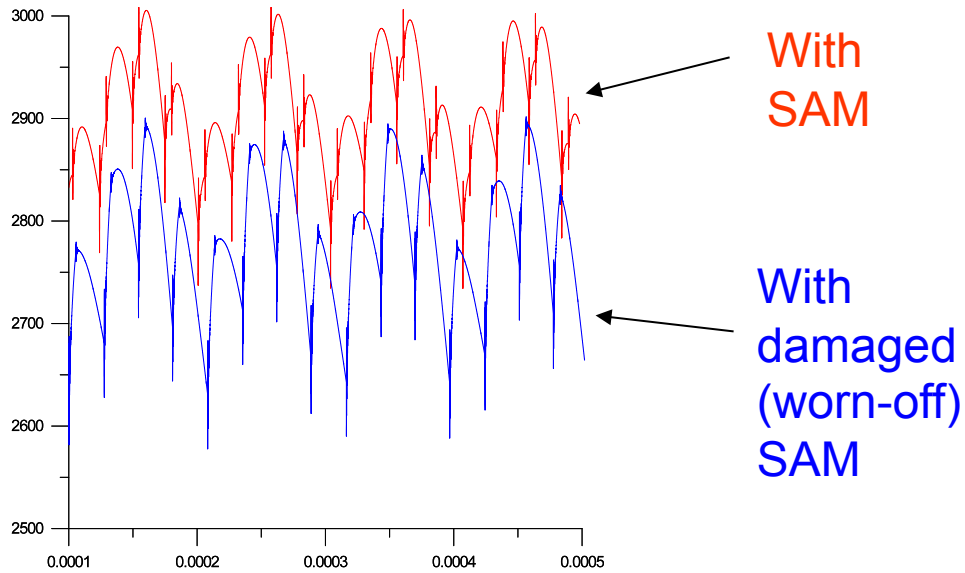
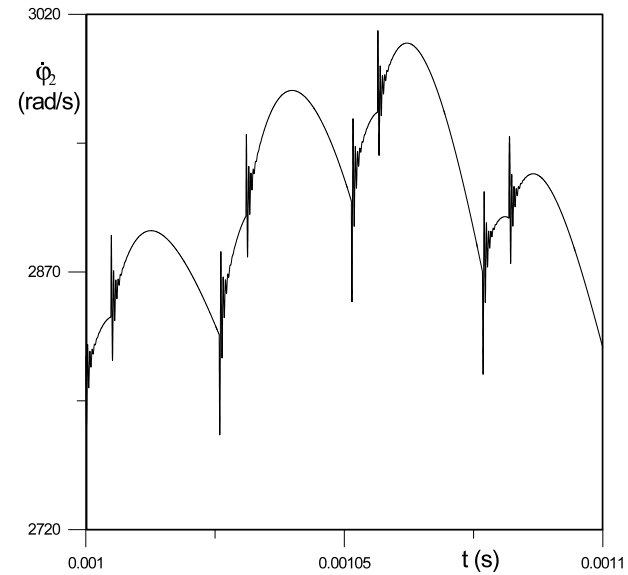


Micro-impact dynamics of MEMS gears

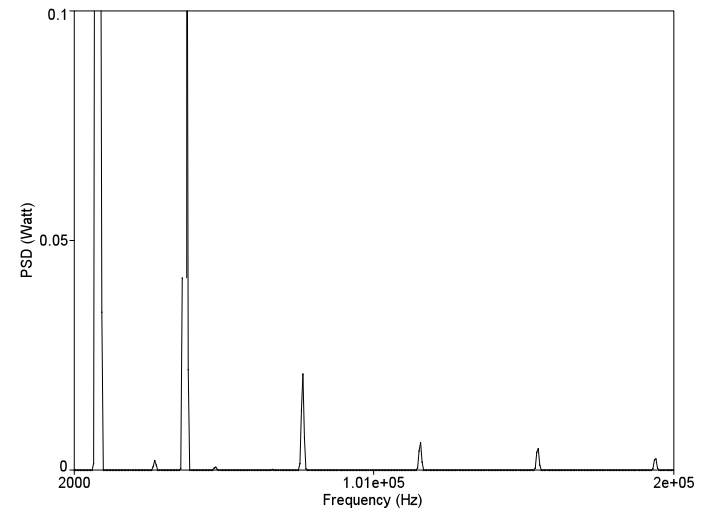
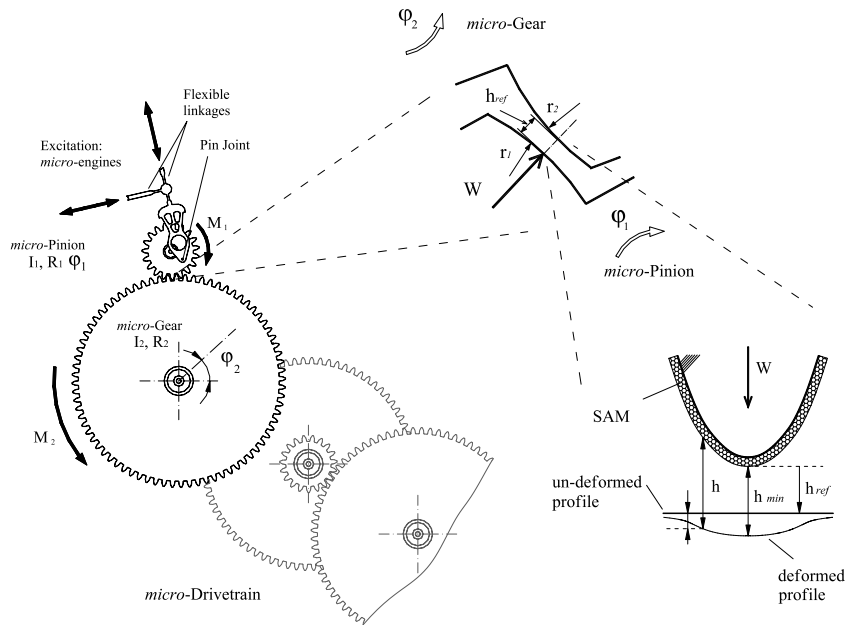
"Impact dynamics of rough and surface protected MEMS gears", Tribology International, Vol. 42, pp. 197-205 (2009)



Several cycles of the angular velocity of the gear with complete SAM and with damaged SAM



One cycle of the angular velocity of the gear under steady state condition



Power spectral density of the gear rotational velocity ϕ_2