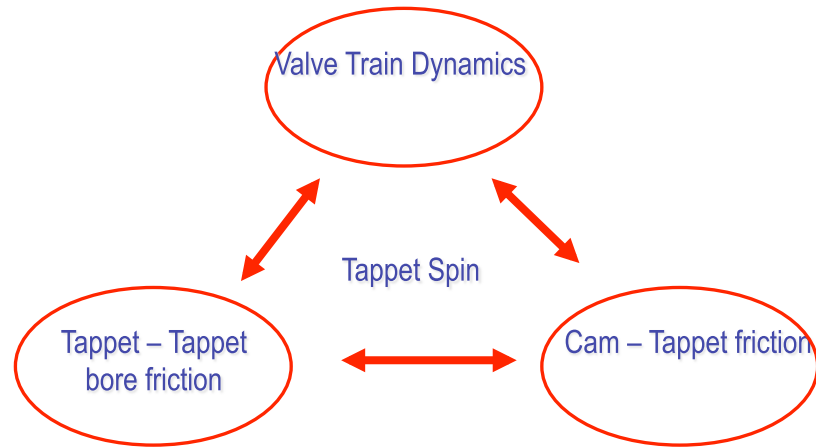
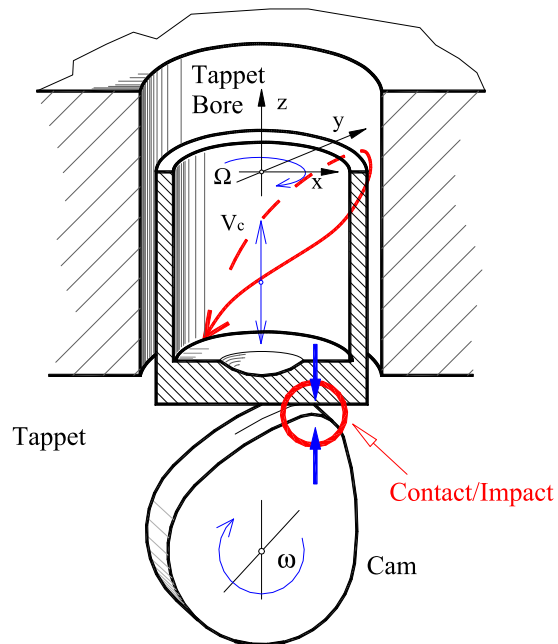


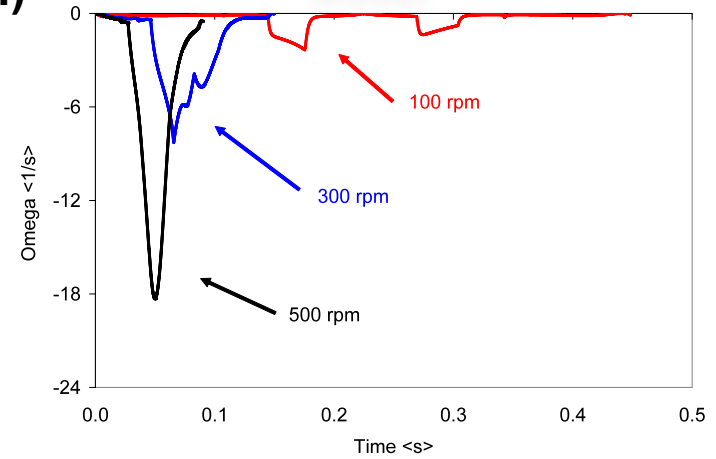
Integrated approach: (Tappet Spin)



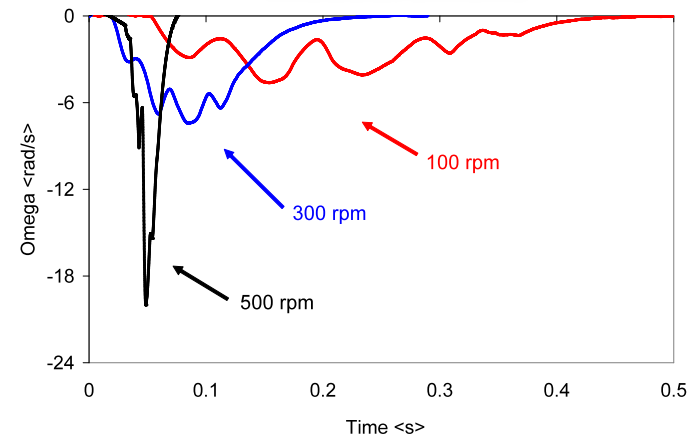
Formulation



Model



Experiment: Non-contact laser measurement



- “Numerical prediction and experimental investigation of cam – to flat tappet lubricated contact with tappet spin”, Proceedings of the Institution of Mechanical Engineers (IMechE), Journal of Multi-Body Dynamics - Part K, Vol. 218 (3), 2004 pp 133-142.
- “Elasto-multi-body dynamics of valve train systems with spring surge effect and coil clash” in Multi-Body Dynamics: Monitoring and Simulation Techniques, H. Rahnejat and S. Rothberg (Eds.), Professional Engineering Publishing (IMechE), 2004, pp. 273-284.