

Figure 17. Inertial forces due to chain dynamics.



Figure 19. Comparison of total acceleration at front engine location for saw with and without chain.



Figure 43. Comparison of analytical and experimental total acceleration at four engine locations, engine lifting.



Figure 21. Comparison of rigid body acceleration at front and rear handle locations.

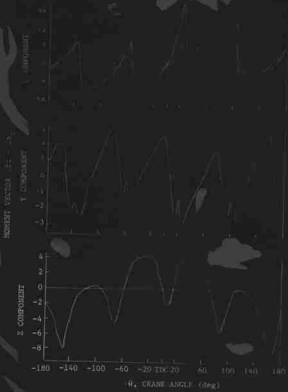


Figure 18. Moment vector for saw with chain



Figure 21. Comparison of rigid body acceleration at front and rear handle locations



Figure 17. Autoneurograms for the front-to-rear (top) and vertical (bottom) directions during cutting.









Figure 36. Autocorrelogram for the wide-to-wide direction during cutting.



Figure 35. Comparison of autocorrelograms for side-to-side direction during cutting

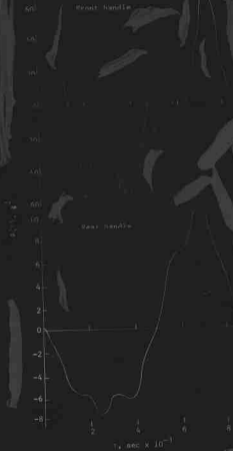


Figure 40. Comparison of autocorrelagrams for vertical direction during cutting.



Figure 42. Autocorrelogram for the vertical direction, engine idling