

BODIE TECHNOLOGY INC

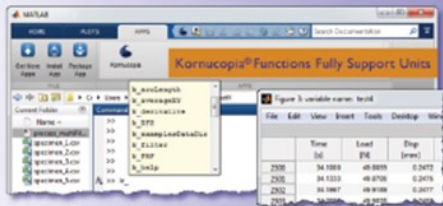
Solving the **whole** problem



BodieTech.com

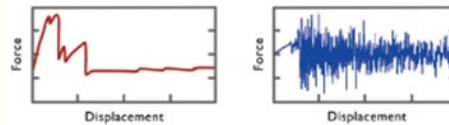
Unique Tools for MATLAB®

- Calculations that include units: N, m, lbf, fortnight...
- Powerful, easy-to-use DSP & data cleaning software
- Automated work-flows for efficiency & accuracy

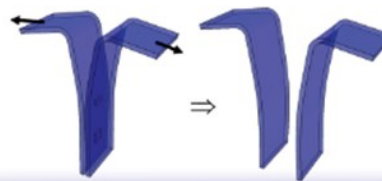
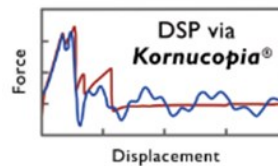


Smart-Tools for Noisy & Messy Nonlinear Data™

Technology to turn a mess...



...into success!



Specialized Technology for FEA Analysts and Test Engineers



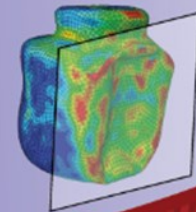
Numerical Experimental

Customizable Training

- Analyzing Noisy Data...
- Advanced Energy Methods...

Expert Consulting

- Nonlinear Mechanics
- Methods Development...



Regularize PSD
Smooth Convert
Average DFS/IFFT
Tweak PVSS
Units Trim SRS

Bodie Tech specializes in deciphering complex problems in the field of nonlinear structural mechanics by employing a proven mix of computational and testing knowledge in novel ways. Bodie Tech is the developer of Kornucopia®.

“Bodie Technology provides engineers with excellent software, training, and consulting resources to help analyze complex nonlinear mechanics problems, especially those involving problematic or noisy datasets.”

Steve Levine, Chief Strategy Officer, SIMULIA

Contact

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BODIE TECHNOLOGY INC

Smart-Tools for Analyzing Noisy & Messy Nonlinear Data™

Expert Consulting

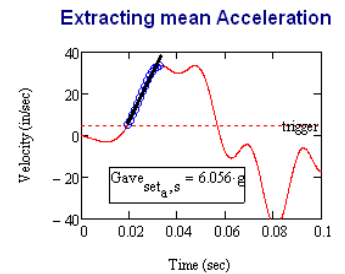
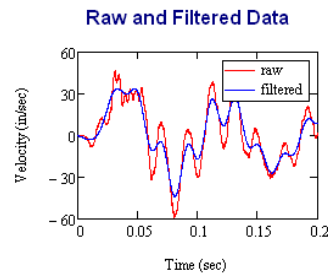
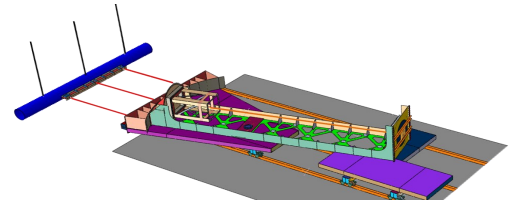
Are you struggling with

- Problematic, noisy, or messy data?
- How to attack a difficult nonlinear problem?
- Deciding to run physical tests, FEA or both?

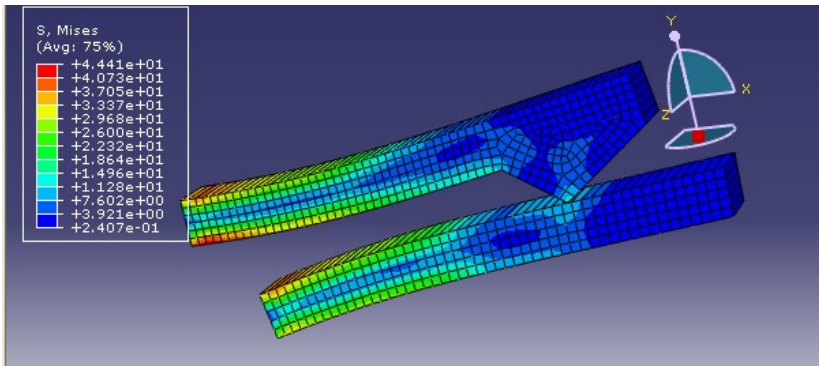
You'll find our Consulting a valuable resource!

Bodie Tech offers these services and expertise

- Applied DSP analysis of noisy & messy nonlinear data from FEA & physical testing
- Nonlinear FEA via Abaqus, both Standard and Explicit
- Guidance using experimental methods for material characterization & structural analysis
- Methods Development & much more!



*Analysis of WOX Shock Tester with permission from Jon Yagla, Naval Surface Warfare Center, Dahlgren Div.

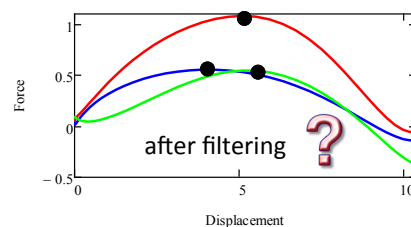
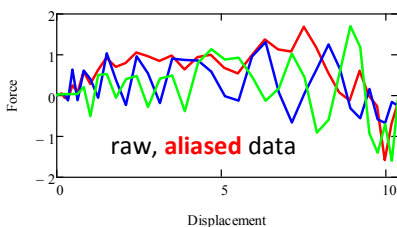


“... I really doubt the quality and quantity of work would have been what it was. The 1 on 1 instruction was invaluable.”

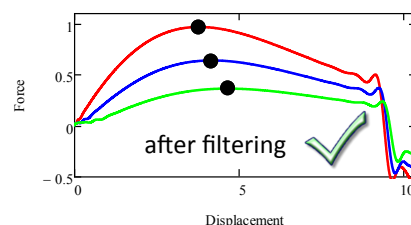
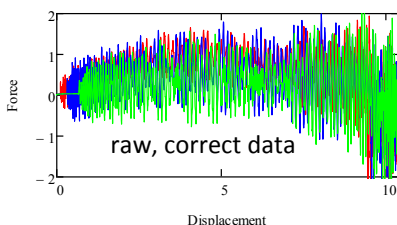
Lieutenant Colonel Kelly Laughlin, PhD - US Army Picatinny Arsenal

Discussing processing of large-caliber ballistics data from explicit dynamics FE simulations and experimental tests.

Original Analysis is Suspect



Bodie Tech Demonstrates Proper Analysis



Common Scenario

Customer is having trouble obtaining accurate and robust results for a nonlinear problem. They may be using FEA simulations (Implicit methods or Explicit Dynamics) and/or physical testing.

Bodie Tech Expert Consulting demonstrates proper approach using robust methods that obtain accurate results