













Kurtosis 9.01





Kurtosis 3,13































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By using a slow amplitude function w with a Weibull distribution, we may calculate the quotient to FDS from Gaussian signal with same PSD.

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function Qu = quot(kurt,b) kk = kurt/3; s = ['ganma(1+4/x)/(ganma(1+2/x))^2 - ' num2str(kk)]; k = fzero(s;1); Qu = ganma(1+b/k)/(ganma(1+2/k))^(b/2);

































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Fatigue Impact from Non-Gaussian Random Vibration

or

Is it enough to define a Non-Gaussian vibration test signal by giving PSD and kurtosis?

NO, some extra information needed!

FD5???

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Anyway, there is a great need for a standard for FDS!



