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Kjell Ahlin Short CV		
KTH, Telecommunication Theory, PhD student, ass. professor Where I learned signal processing, we started to go digital	66 - 72	
Tre Konsulter AB, 3K We used digital signal processing for mechanical problems	72 – 87	
Akustikbyrån, Ingemansson, Saven EduTech A lot of consulting projects, courses	87 – 03	
BTH, Mechanical Engineering, full professor, project leader Manager International Master Program in Measurement	03 - 11	
Techniques and Structural Dynamics, Nonlinear Systems Xielalin Consulting	10 -	



AN IMPROVED RECURSIVE FORMULA	
FOR CALCULATING SHOCK RESPONSE SPECTRA	
David O. Smallwood	
Sandia National Laboratories	
Currently used recursive formulas for calculating the shock response spectra are based on an impulse invariant digital simulation of a single degree of freedom system. This simulation can result in significant errors when the natural frequencies are greater than 16 the sample rate. It is shown that a ramp invariant simulation results in a recursive filter with one additional filter weight that can be used with good results over a broad frequency range including natural frequencies which exceed the sample rate.	
Shock and Vibration Bulletin, No. 51, May 1981.	



















































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谢拉林 谢拉林 SEES Pennsylvania Code § 88.135. Blasting: surface blasting requirements (h) In all blasting operations, the maximum peak particle velocity may not exceed 2 inches per second at the location of any dwelling, public building, school, church or commercial or institutional building USS EEES May 2024 49









谢拉林 IEC Environmental Engineering	SEES
At IEC General Meeting in Durban 1995	
IEC TC 50, Methods of Test	
IEC TC 75, Environmental Conditions	
Same people in both. There was a Joint WG to make a conversion table.	
Many wanted the two TC to combine.	
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	Some say there was a coup d'etat between SEK in		
	Sweden and IEC General Office.		
	Anyway, the two TC combined into IEC TC 104,		
	with Sweden having the secretariat.		
	First meeting with HP in Palo Alto, California.		
	There was a common feeling, that we missed a		
	rational for the severities in the condition standards		
	WG 14, climate, and WG 15, mechanical, were formed	d L	
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	•		

射拉林 SEES Maintenance teams, MT, were formed to maintain existing standards and for creating new ones. MT 16 for climatical tests MT 17 for mechanical tests MT 18 for combined tests and special tests I was member of WG 15 and MT 17 for many years. I left 2003 when I became full time professor.

































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Now I am involved in a project funded by NSFC, National Science Foundation of China. Method development for "self-driving vehicles on bad roads".

- Develop road models, roads and test tracks
- Develop response calculation methods, faster and more accurate than commercial software
- · Vehicle models may be nonlinear

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from Uzbekistan!

I needed data from bad roads. My friends in Tashkent were happy to help me "survey time;17:19:36 "Bad name:A378 "From:0 km "To:,152 km Direction;Samarkand-Kashkhadarya"

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	Join ISO/IEC and see the world! Kobe, Tokyo, Beijing, Guangzhou, Stockholm, Frankfurt, Munching, Berlin, Bergamo, Milan, Prague, Paris, Vienna, London, Geneva, Leuven, Dubrovnik, Sydney, Adelaide, Durban, Cairo, Gaithersburg, Washington DC, San Diego, San Mateo, Palo Alto, Oakridge, Minden, Orlando, The Keys, Detroit, Honolulu, Toronto	,
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