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conference on  
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Learning and  
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**&  
Berkeley,  
California, USA,  
October 20-22,  
2009, under the  
auspices of the  
World Congress  
on Engineering  
and Computer  
Science  
(WCECS 2009).  
Machine  
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six revised and  
extended  
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include Expert  
system,***

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systems,  
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Complex system  
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modeling, and  
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offers the state  
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tremendous  
advances in  
machine  
learning and  
systems  
engineering  
and also serves  
as an excellent  
reference text  
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machine  
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Hall  
The  
development of  
innovative  
drugs is  
becoming more  
difficult while**

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***relying on  
empirical  
approaches.  
This inspired all  
major  
pharmaceutical  
companies to  
pursue  
alternative  
model-based  
paradigms. The  
key question is:  
How to find***



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***&  
innovative  
compounds  
and,  
subsequently,  
appropriate  
dosage  
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either in a  
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themselves,  
readers will not  
only begin  
mastering  
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will also hone their  
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will help them to*

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in subsequent  
electrical and  
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for Earth  
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which  
demonstrates the  
use of statistical  
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and the Adobe  
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process and  
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information  
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processing the  
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computational  
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communication and  
security and offer a  
stage to a common  
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ideas and results of  
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using

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that the  
course can be

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then  
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fundamental  
concepts,  
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terminology  
associated  
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terminology  
associated  
with analog  
video signals  
and systems,  
as well as  
digital video  
formats and  
standards. It  
then describes  
the  
technically



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involved  
problem of  
standards  
conversion,  
discusses  
motion  
estimation and  
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techniques,  
shows how  
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sequences can

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and concludes  
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*produce a*

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*of different*

*tasks in*

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*the MATLAB*

*toolboxes*

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finance, and  
engineering,  
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concepts to  
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users as well.  
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programs, and  
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interfaces.*

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presents  
examples of  
Simulink® that  
highlight the  
advantages of  
using this  
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package for  
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*modeling and  
simulation.*

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ns-dedicated  
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book explore  
the use of  
MATLAB in  
digital signal  
processing,  
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of methods for  
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intrinsic  
dimensionality  
of a data set  
Several*

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including  
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clustering  
Additional  
visualization  
methods, such*

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*boxplot,*

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*with marginal*

*histograms,*

*biplots, and a*

*new method*

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MATLAB GUI  
toolbox for  
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EDA methods,  
rather than  
theoretical  
aspects. The*

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processing, but  
most of them are  
content to teach

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