Question Answers 6 Similar questions Related publications

Mar, 2014

wais Khan
nen

neasurements, should I use AC or DC bridges?

yone who gave answers to my previously posted questions.

e time.

on DC excitation bridges but thermal noise is an issue as the number of strain gauges so which one would be a better option: AC or DC?

u provide me a good research paper to have a look at that could be useful for me?

eply

roelectronics and Semiconductor Engineering | Microcontrollers | Electronics and Communication Engineering | Embedded Electronics

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20th Mar, 2014

-field crosstalk that
e a syncronized AC
is also very
to iron out these

orrectly to begin with.

on

17th Mar, 2014

al Laboratory

etter where you are trying to detect a very small signal in the presence of noise (or ould build a sychronous detector that is synchronised to the AC source driving the s using a lock-in detector or amplifier.

on

ehrani 18th Mar, 2014
llongong

I think is really useful:

l.ezproxy.uow.edu.au/xpl/articleDetails.jsp?tp=&arnumber=4998013&
26searchField%3DSearch_All%26queryText%3D%28
+strain+measurement%29

on

uranga Ranasinghe 18th Mar, 2014
ente

suggested here) is the best way to eliminate both perturbing effects (thermal drifts, nd 1/f noise terms present at the analog signal. You can build a synchronous detector/ alogue multiplier with a low pass filter or use a dedicated demodulator chip such as

on

oise rejection and higher sensitivity ..

on

elp by adding an answer?

Scientific progress and the COVID-19 pandem...

your answer

sions

s maximum/high under compressive loading?

maximum/high under compressive loading?Technically compressive forces acts at an a point having maximum compressive forces acting on it show highest von mises

vergence test or mesh refinement study in finite element analysis?

ways needed to be conducted to determine the size of elements in finite element duct the convergence test or mesh refinement study in finite element analysis? The t on the FE models that you studied (may complex) or on a relatively simple model g certain test standard) with same material properties and damage model? The test the procedure you may conduct on the complex model or a relatively simple one (i.e. condition)?

rly clarified my question.)

lvanostatic and potentiostatic mode in electrochemistry. Why is the galvanostatic

nderstand the reason why in electrochemistry using the potentiostatic mode (set ial) the current response value changes quite fast, while in the galvanostatic mode the ns almost stable.

use chronoamperometry and chronopotentiometry techniques



allings.

switching frequency, must the power rating be sacrificed?

Kamarajugadda

ning frequency and power rating of power semiconducting devices? i know its inverse.
hing frequency power rating must be sacrificed. But i want to know why??

etween single supply opamp and dual supply opamp?

d disadvantage of both mode?can we use single supply opamp everywhere or dual
e?

series data from given PSD of random vibration input?

of signal processing!

630 having cutoff frequency higher than AD630 Cutoff frequency?

an

ving same functionality as AD630 but with much better cutoff frequency.

d something.

replies.

rain gauge?

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Wheatstone bridge
ve searched websites
auge). I appreciate

onics]

ing more attention as ARM tries to use its weight in mobile devices to break into the

recision Positioning, Detection, and Avoidance (PODA) for Small UAS

able

n, and avoid (PODA) system is the topic of my master's degree thesis. This article
id development of an embedded electronic platform that will be installed on an
(UAV) for precision positioning and detect and avoid strategies. The aim is to
real time,...

of air flow sensors using fuzzy system for embedded electronics

rancisco de Assis Scannavino Junior · Kleber Romero Felizardo · Luís Fernando

velopment of a fuzzy system applied to low-cost microcontroller to assist in the
intensities of air flow from the AWM2100 sensor, whose operation presents variation
to the variation of the external temperature and also a nonlinear response of the
n...

n?
from experts.