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Sijtsma and J.  
Zillmann, " In-  
duct and far-  
field mode  
detection  
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(2007). shows a

comparison of

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results ( $m = 10$ )

at Mach number

of 0.6 and

frequency of

5600 Hz. Due to

a long

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detected  
spinning mode in  
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Dual-Active  
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Mode is on by  
default in  
Client Hyper-V,  
so you should  
not need to do  
anything. To  
verify it, right-



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click on the local system in Hyper-V Manager and click Hyper-V Settings .

Verify that both of the indicated locations in the screenshot below are enabled.

**Enhanced Session Mode in Client Hyper-V**

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Herein, a novel colorimetric/SERS dual-mode detection of Hg<sup>2+</sup> was proposed by using the SERS-active peroxidase-like Au@AgPt NPs. The Au@AgPt NP has hexoctahedral Au nanoparticle core with edges coating by Pt,

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which shows good  
SERS activity of  
Au and enhanced  
catalyst

activity of Pt  
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Enhanced PAgP dual-active detection is enabled by default, but specific MEC groups must be specified as

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trustworthy. The specific CLI identifying MEC group as a trusted member is required under virtual switch configuration.

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Enhanced SIM Box  
Detection with  
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of highly  
advanced SIM Box  
fraudsters. Our  
customer is an  
operator in  
Europe and has  
been using  
SIGOS' SIM Box  
Detection

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services since  
October 2012.  
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PAGP for dual-  
active detection  
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it? What about

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switch - does it

have a similar

feature that can

help the active

switch in the

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VSS to find out  
if the former  
standby has  
become also  
active? Thanks,  
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estimation,  
diagnosis and  
control of  
complex systems,  
especially in  
the mathematical  
form of  
descriptor  
systems. The

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research is fully motivated by real-world applications

(i.e., Barcelona's water distribution network), which require control systems capable of taking into account their specific

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features and the limits of operations in the presence of uncertainties stemming from modeling errors and component malfunctions. Accordingly, the book first introduces a complete set-based framework

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for explicitly  
describing the  
effects of  
uncertainties in  
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systems  
discussed. In  
turn, this set-  
based framework  
is used for  
state estimation  
and diagnosis.  
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presents a

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control from  
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networks and  
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book introduces  
a fault-tolerant  
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actuators and  
sensors for such  
systems in the  
descriptor form.

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used across a  
wide range of  
frequencies in  
the  
electromagnetic  
spectrum to  
concentrate wave

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conventional  
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antennas can be  
extended to much  
higher  
frequencies and  
be applied to  
produce nano-

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Metallic (i.e.  
plasmonic)  
antennas that  
act as

"receivers" and  
"transmitters"  
for visible  
light. These  
traits make them  
excellent  
candidates for  
light trapping  
in solar cells,  
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concentration in  
sub-wavelength  
photodetectors,  
or even

localized  
heating for  
cancer

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unique optical  
properties of  
metals at  
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frequencies make  
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apply Mode Detection  
traditional  
antenna design  
rules. Using  
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simulations and  
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antenna models,  
we developed new  
design rules for  
producing  
optical antennas  
with a desired

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set of optical properties. We then applied these design rules to create antennas that resonantly enhance absorption on thin silicon detectors as well as enhance emission of cathodoluminescence

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(CL). Through  
spatial and  
spectral mapping  
of both  
photocurrent and  
CL we clearly  
show the  
fundamental and  
higher-order  
resonant modes  
of these  
antennas. With  
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distribution of these resonant modes with nanometer resolution. In addition to these specific demonstrated applications, the results of this work enable optical engineers to



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design a myriad  
of plasmonic  
devices that  
employ optical  
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structures,  
including  
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of the squeezed  
light source  
which would be  
used for the  
experiment. The  
specific design  
is the doubly-  
resonant,  
traveling-wave  
bow-tie cavity  
squeezed light  
source with a  
new modified  
coherent

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technique. The  
thesis describes  
the properties  
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light injection  
into a 4km  
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The results show  
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wave

interferometer  
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arms. Further,

it showed that  
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a squeezed-light  
source added no  
additional noise  
in the low  
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The result was  
the best

sensitivity

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achieved by any  
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Optics, Quantum  
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to gravitational

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meet  
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technologies and  
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