18-Nov-2013  
   
Dear Prof. de Moraes Cruz:  
   
I am sorry to inform you that your paper "A System for Measuring　Rotational Eye Movement under Blue Light Irradiation　by Tracking Conjunctival Blood Vessel End" is not accepted for the　publication in the Special Section on Advanced Image Sensor Technology　of MTA.  
The reviewer's comments are attached in the end of this mail.  
Although your paper is not accepted in the Special Section, I would　like to strongly recommend you to revise the paper according to the　reviewer's comments and resubmit it to MTA again.  
In this case, the revised paper will be processed as a contributed　paper not for the Special Section.  
   
Thank you for your submission in MTA.  
   
Sincerely,  
Dr. Shoji Kawahito  
Editor in Chief, ITE Transactions on Media Technology and Applications  
EIC-AIST@ite.or.jp  
   
   
Reviewer(s)' Comments to Author:  
Reviewer: 1  
Comments to the Author  
You show, The upper waveform VSN represents the sense-node signal under five different levels of illumination. Why do you use 5 different level? Please show the meaning of 5 level.  
You show that, the simulation results have shown reduction better than 80% of the FPN across the array throughout the complete illumination range, in the low illumination range, the FPN ca be reduced to better than 80%.  
You have to describe mechanism the reason of why reduction of FPN.  
   
In Fig.4, You have to explain the meaning of V1 and V2.  
In Fig 5,6,7,8,9,10, you have to explain Iph  
In Fig 10, You have to explain the definition of FPN rate.  
   
In your architecture, You have to explain how RDR contributed for whether being a low noise in the pixel circuit as compared with the former effectively.   
   
You have to explain the definition of various noise, for example,   
Does it have influence of FPN of the Vth variation of a pixel sauce follower?   
Does the influence of the capacity for parasitism in ? column circuit have influence　of the noise of a Vth reason?   
By 3Tr type, the reset noise remains after CDS.   
There is no explanation.   
   
Reviewer: 2  
Comments to the Author  
This paper describes FPN reduction techniques for logarithmic or linear-log   
CMOS image sensors. However, it seems to have a significant flaw.   
   
The proposed techque using a reference lelvel to reduce the FPN is effective   
only for the FPN due to M3, but not for M1.   
The reason why the simulation result of the FPN after correction is as small as 3mV is not clear, as the FPN due to M1 is not cancelled.   
The linear-log type CMOS image sensor has a large FPN at the switching point between linear and log regions. The proposed technique does not care about this problem.