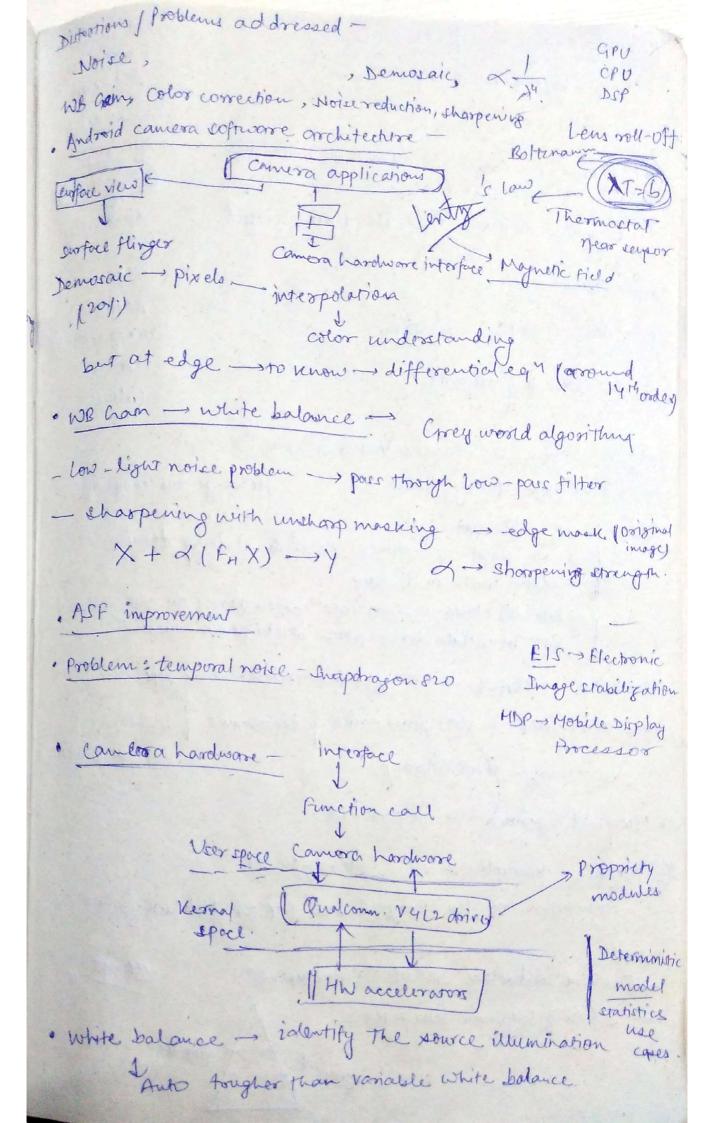
19/10/2016 Gralcomm Session.	
Day 1 An introduction 1 Dana	in covered -
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TOUTHER	Taile compute
· gralcomm a	tworking
Cat 11 chipert 1	J
Cat 11 chipset Capabilities	МУХ
- Adreno GPU 530 - X16 LTE modery	Vector proces
* Co	
· Camera Overview.	[612]
Expanding use cases e g Pokemon Cro	Gobo Hero 3+
Filter -> Noise -> frequency -> Transforms -> interpolation -> images	150 DEM
interpolation - images	, our
Human eye Vs. Campooa	
De repender a server a seg	Photon kin
Pixel - Micro lenses 10000 Photo-diodo Pigment filter 1000	- Pirel buckete
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lens JSP (correction) Cempsor 3A/+ AE/A	FLANK
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· Components for Mobile Camera Image Gnality -	
Camera module -> ESP -> 3A - TI	ming
· Image Phality ecosystem -	, 0
Holywood sollywood	
Hatural/original color Mivid Yslas t	o support both
-> OEM	
TO Reviewers -DXO Mark Clust	
End mess Competitors	
CAMPATITOR	



Nokia lumia Tuning engineers Canon A Nikon Advanced coffugre technologies chroma-flash Demo - 600 ceres Opti-zoon Ubi-focus - multiple enapehots with diff. Cell-mon focal levels disables CAS - but what if you move bet time delay? men Segmentation ARM Auto focus. - Fourier toursform Heragon (DSP) * MY Phase detection | disparity (aliasing Day 2 - FastCV computer Vision Library Overview (1) By Krishna Murthy Balla-Heterogenous computing Fast CV → Mobile optimized -> comparable to OpenGIEs in the rendering domain - clean modular library -> Provides clean hardware acceleration across the CPV, DSP and GPV in mobile devices with better performance Hardware - Kernel - Optimized framework - CV apps Operation mades - CPU performance Performance low Power CPU offlord SCVE - high level library · Motorized Camera - Oppo N3 2) Polestowar Karnehula - Heragon DSP Architecture of the Hexagon 680 DSP for Mobile imaging & CV-_ Content Adaptive Detail Enhancement Static & dynamic libraries Tracking Pyramid