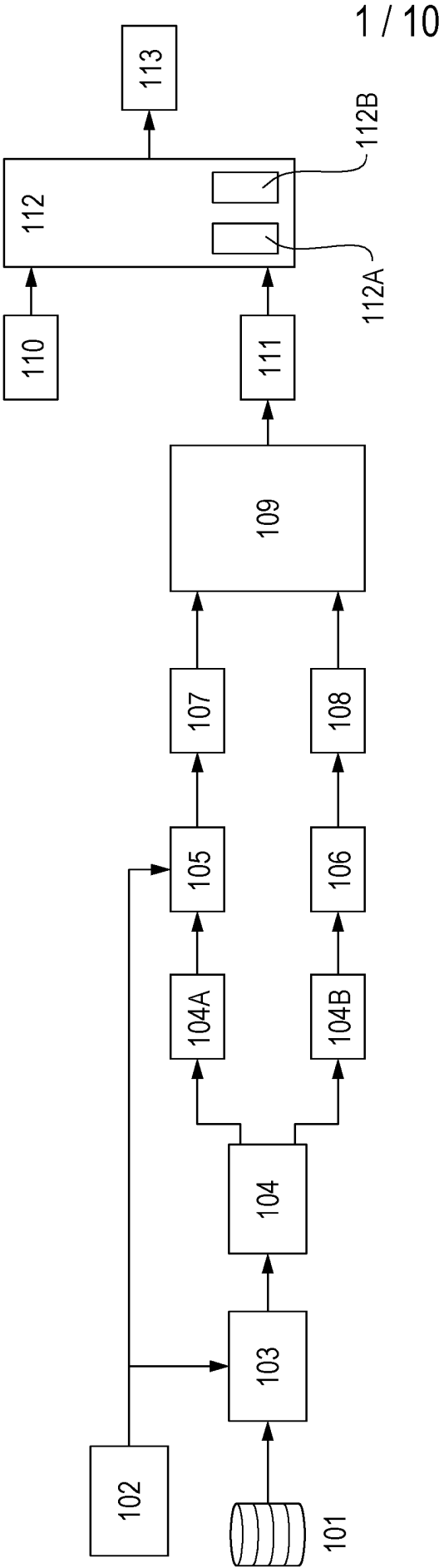




105	Block Matching
106	Gradient Extraction
107	Matched Image
104	Gx , Gy
109	Gradient Mapping and Refinement

101	Synthetic database (2D + Depth)
102	2D Video
103	Visual Search
104	2D + Depth Candidate
104A	2D Candidate
104B	Depth Candidate

110	Object Masks
111	Inferred Depth Gradients
112	Poisson Reconstruction
112A	Objects boundary cut
112B	Smoothing
113	2D + Depth Output

Figure 1

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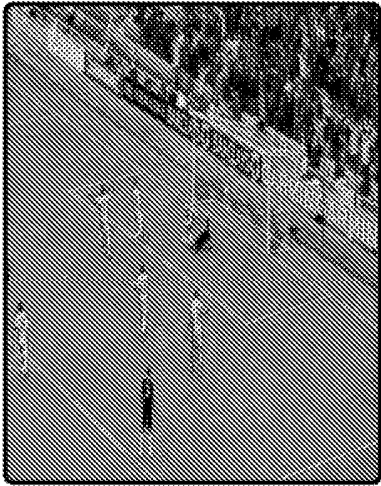


Figure 2a

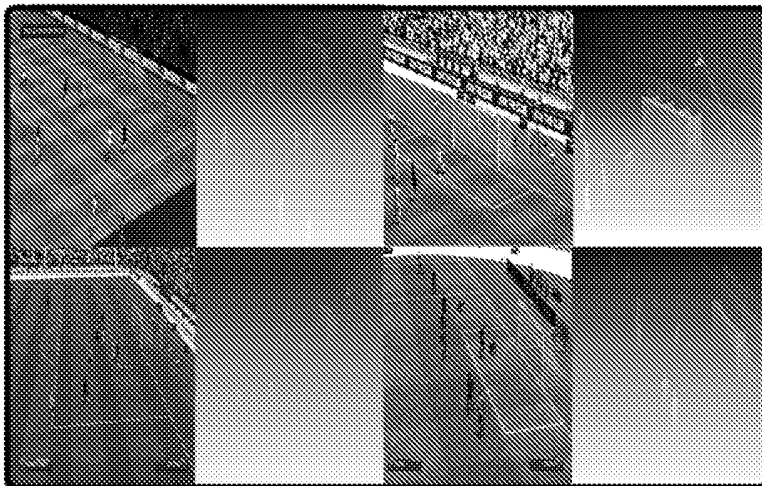


Figure 2b

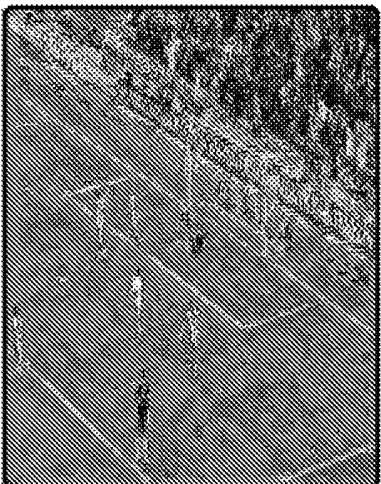


Figure 2c

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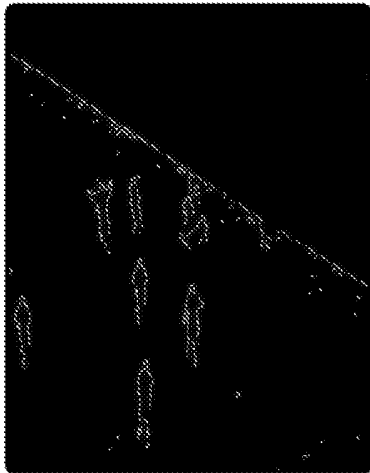


Figure 2d

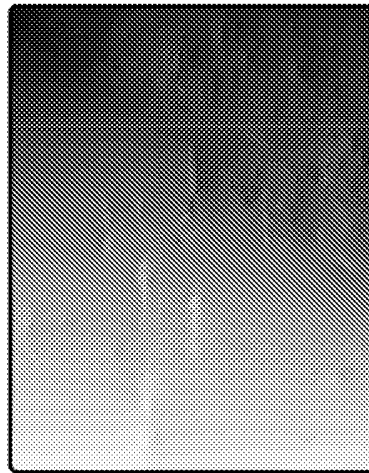


Figure 2e

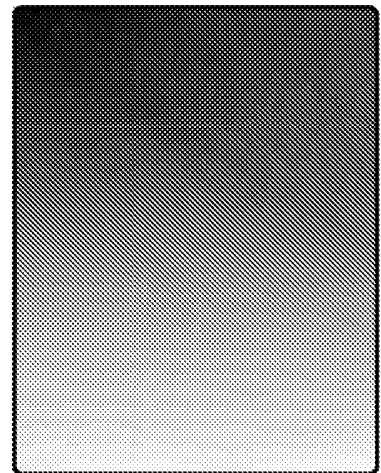


Figure 2f

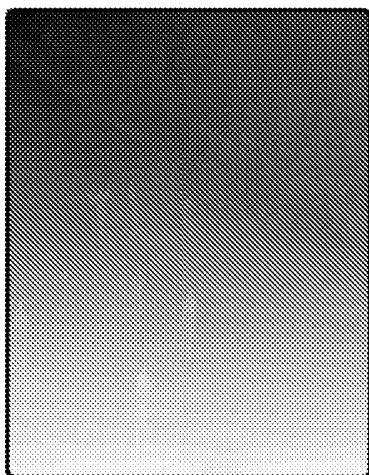


Figure 2g



Figure 2h

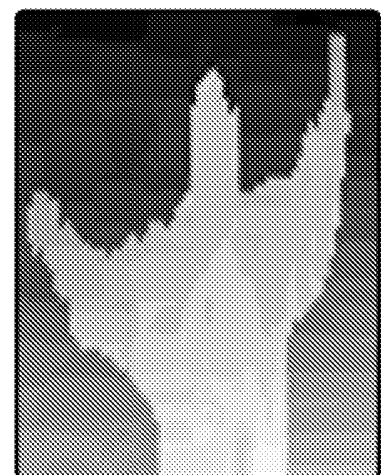


Figure 2i

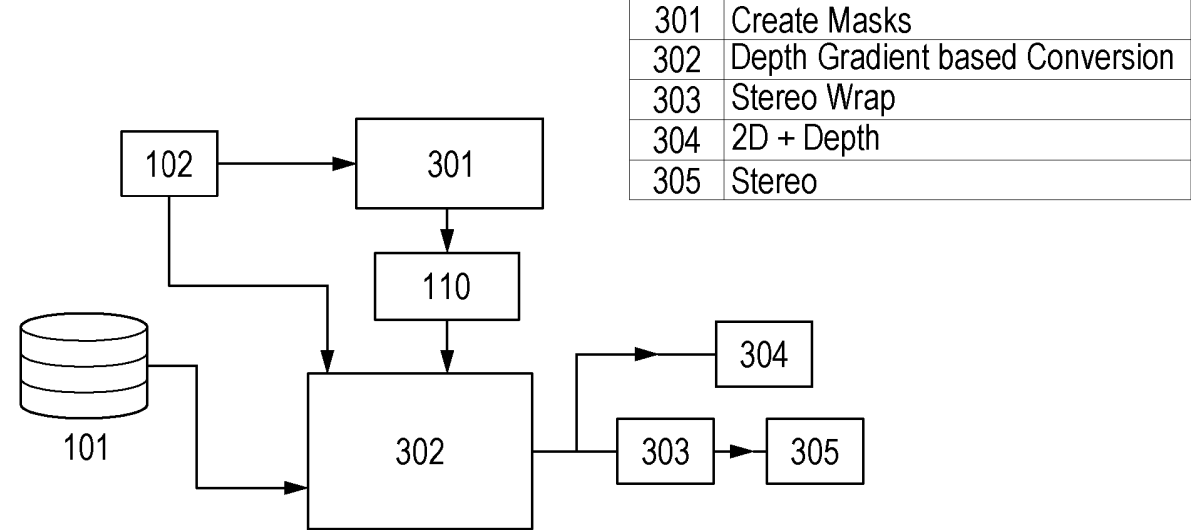


Figure 3

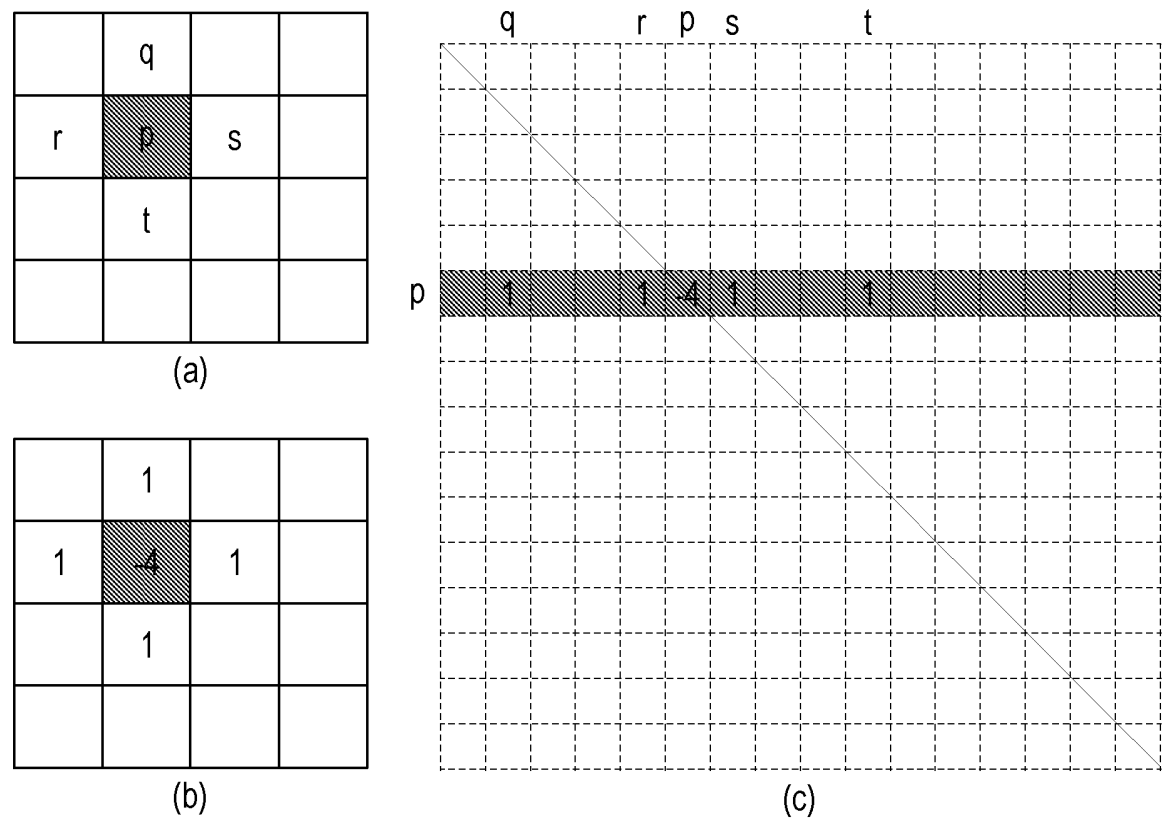


Figure 4

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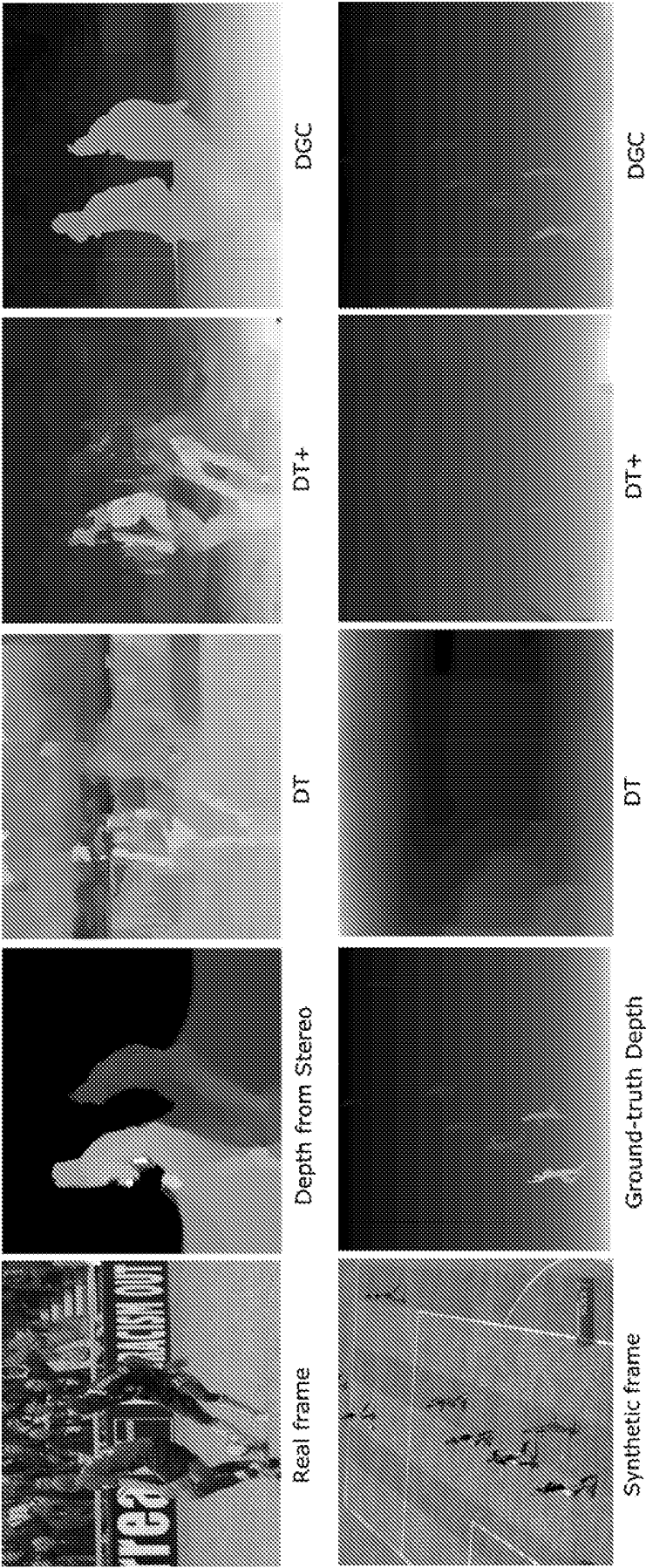
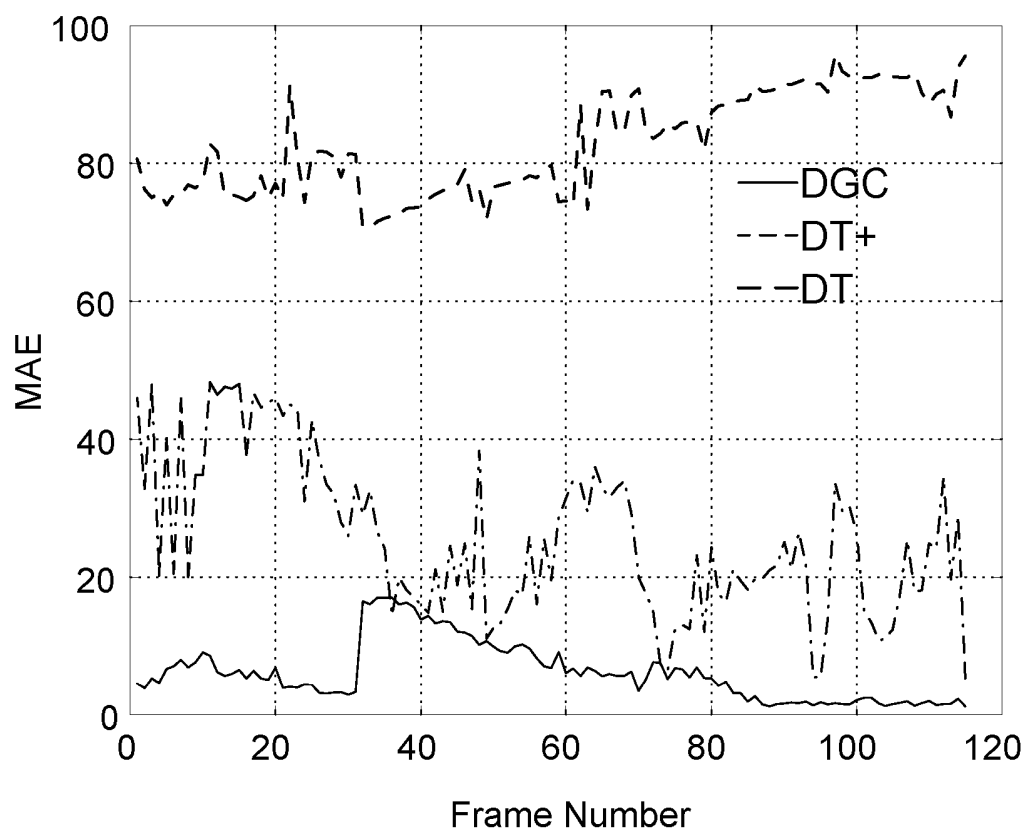


Figure 5

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Figure 6

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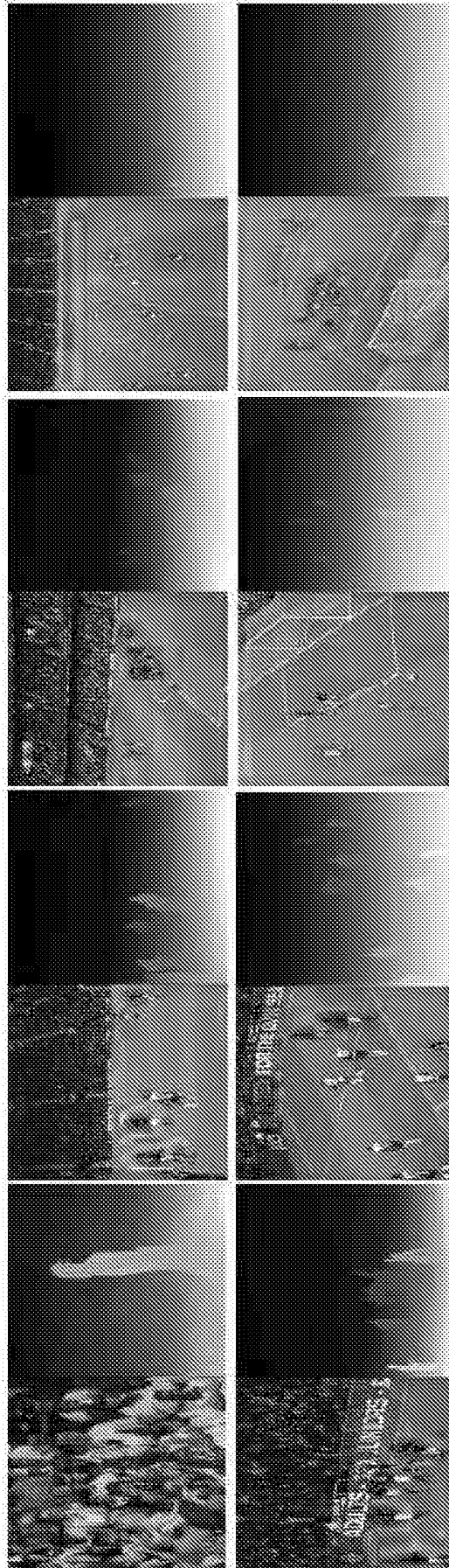


Figure 7

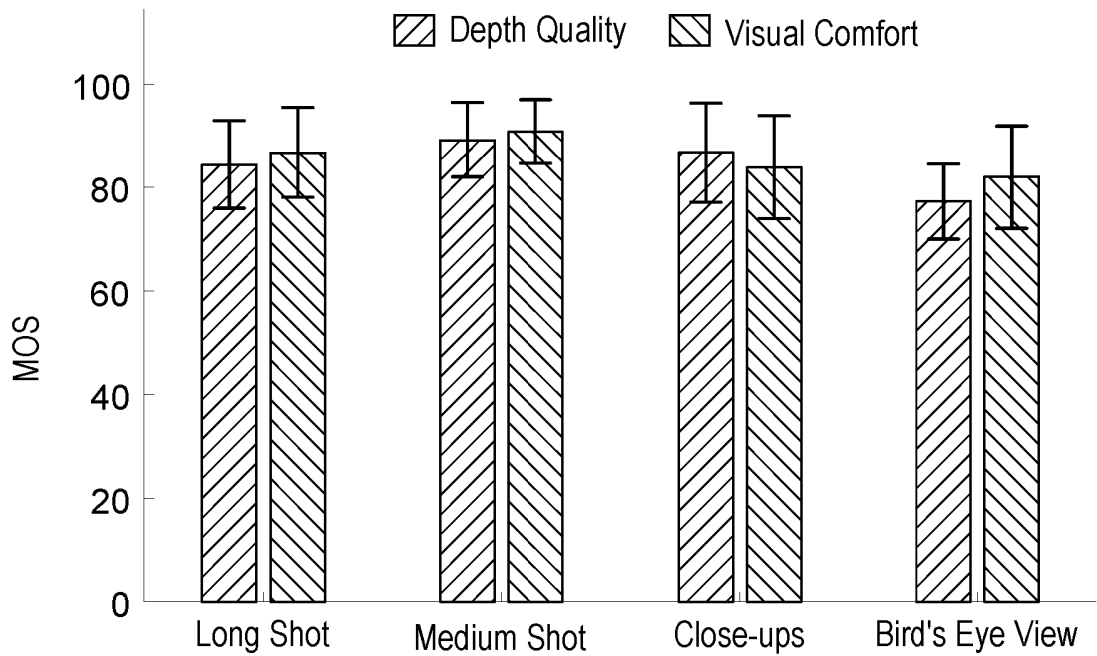


Figure 8

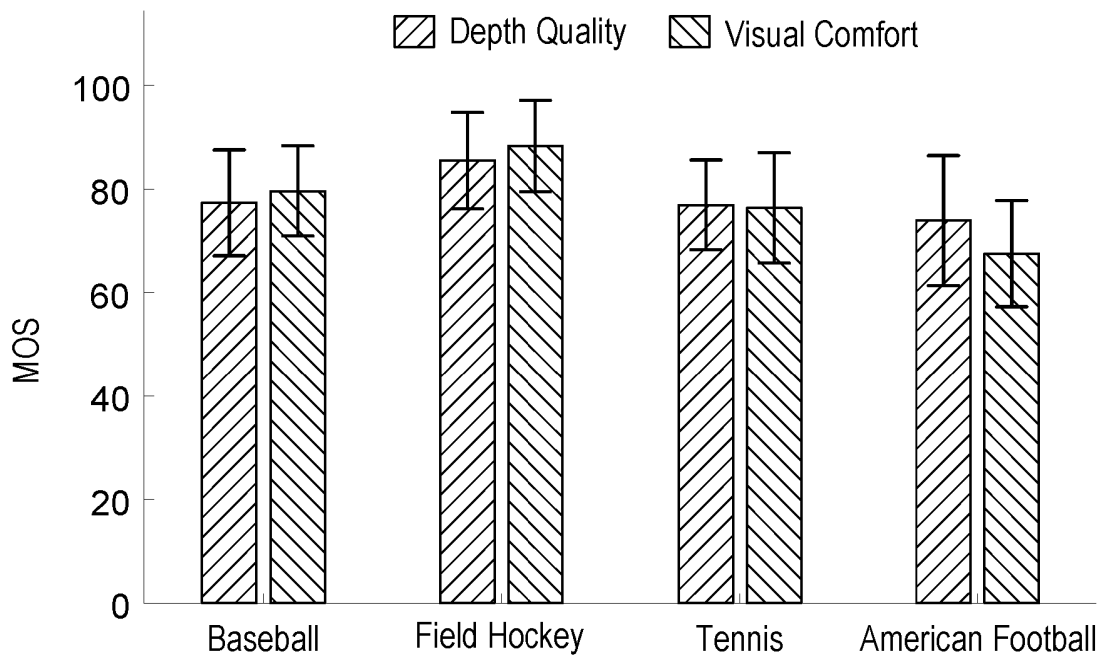


Figure 9

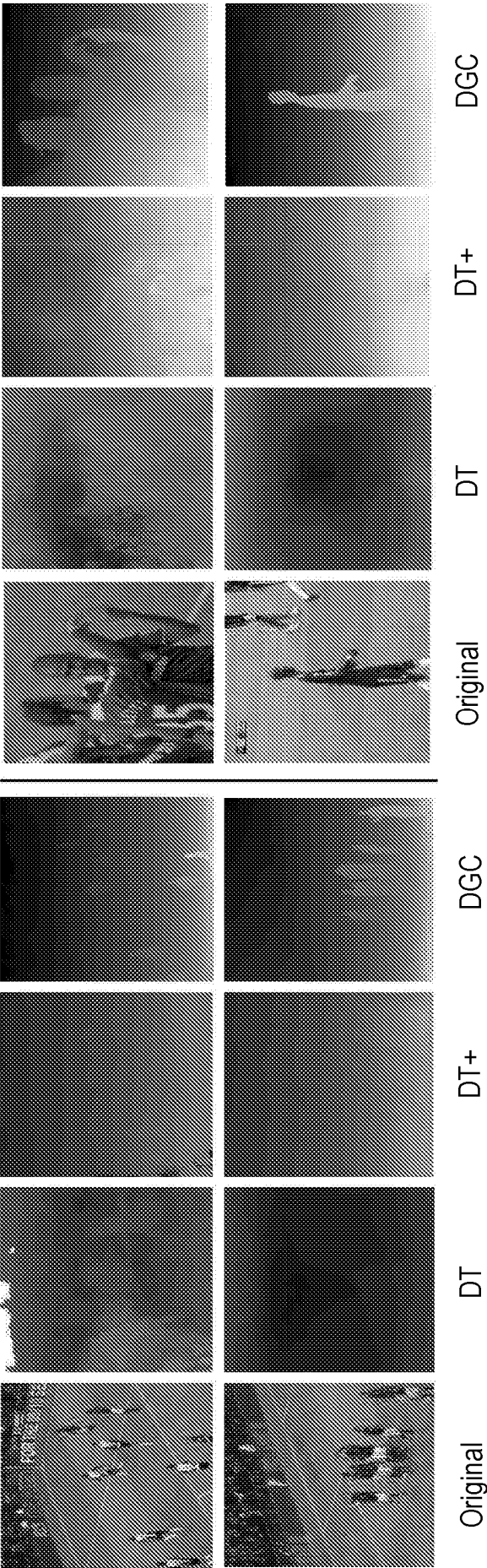


Figure 10

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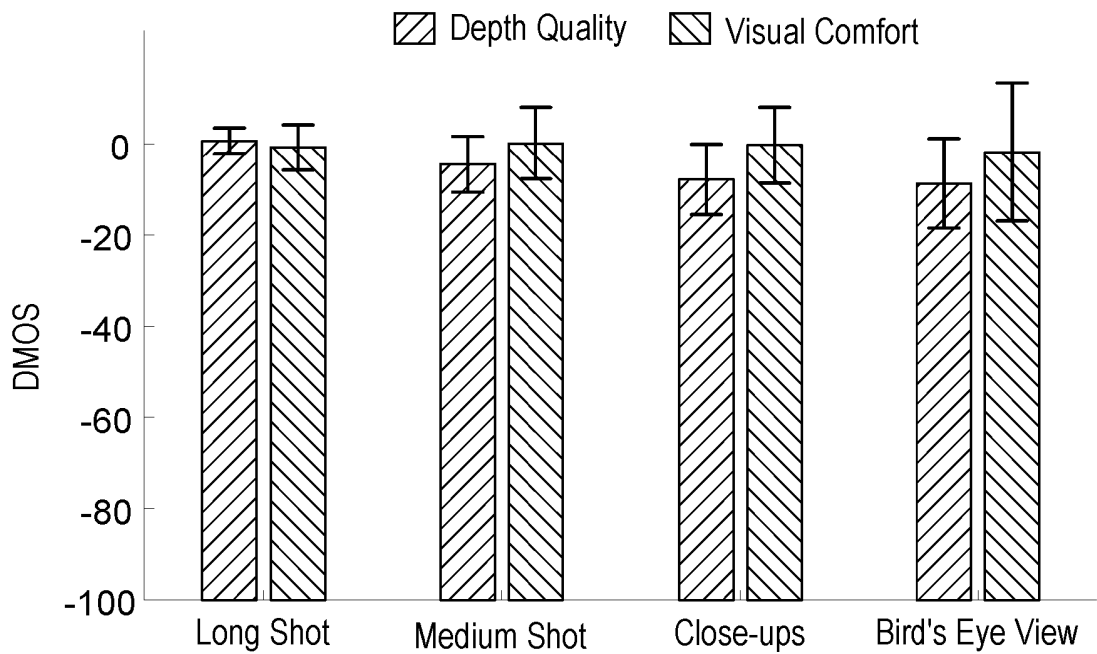


Figure 11

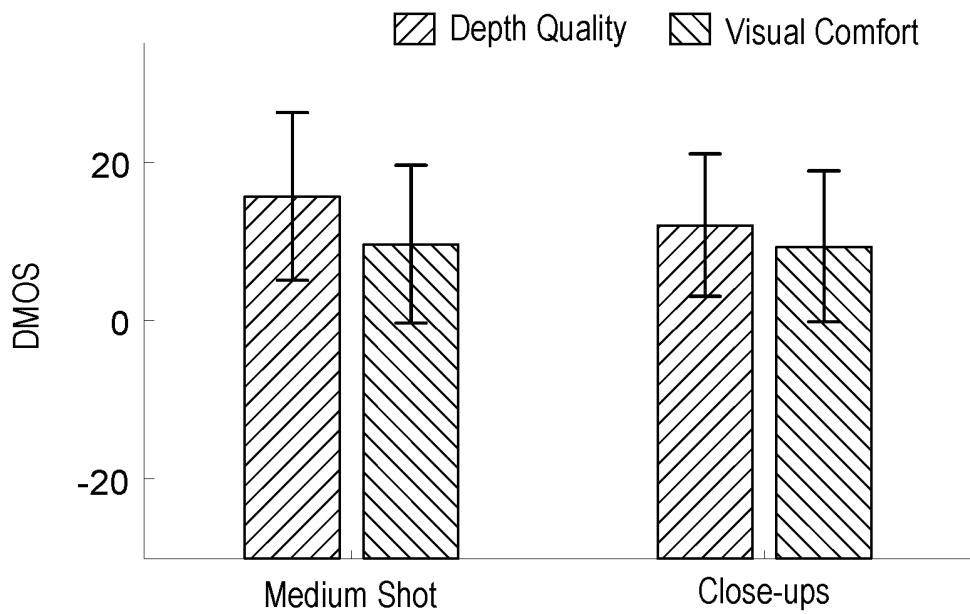


Figure 12