Pedestrian detection in low quality moving camera videos
by
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For the MSCS degree in Computer Science & Engineering

Pedestrian detection is one of the most researched areas in computer vision, rapidly gaining importance with the emergence of autonomous vehicles & steering assistance technology. A lot of work has been done in this field ranging from collection of extensive datasets and benchmarking of new technologies, but all the research depends on high quality hardware (such as high resolution cameras, LIDAR and radars). For detection in low quality moving camera videos we use image deblurring techniques to reconstruct image frames and use existing pedestrian detection algorithms and compare our results with the leading research done in this area.

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9:30 am
ENB 313

THE PUBLIC IS INVITED

Examinining Committee

Dr. Rangachar Kasturi Ph.D., Major Professor
Dr. Pei-Sung Lin, Ph.D.
Dr. Srinivas Katkoori, Ph.D.

Robert Bishop, Ph.D.
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