Human Pose Estimation

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***Abstract*—later**

I. Introduction

II. Benchmarks

Huge data sources are part of the benchmarking process for human posture estimation approaches. The datasets used specifically for this purpose contain images showing one or more individuals in different poses, as well as other information about joint and limb positions. Some datasets focus on different features within its content to ensure the quality of a model in relation to that aspect. Commonly used datasets are explained in more detail in this section.

A. max planck institut datasets

Perceiving Systems[1] is a department of the *Max Planck Institute for Intelligent Systems*[2] that is specialized in computer vision and, in addition to scientific publications, also provides data sets for e.g. pose estimation approaches.
[1]

III. criteria

IV. 2D pose estimation

V. 3D pose estimation

VI. conclusion

References

[1] Mykhaylo Andriluka, Leonid Pishchulin, Peter Gehler, and Bernt Schiele. 2d human pose estimation: New benchmark and state of the art analysis. In *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, June 2014.

[1]https://ps.is.mpg.de/
[2]https://is.mpg.de/