

HOOD-report

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Abstract

A report after reading HOOD [1]. Including 3 parts: the garment representation used in HOOD, the network architecture of HOOD, and possible improvements.

1 Garment Representation

2 Network Design

2.1 Encoder

2.2 N Message-Passing Steps

2.3 Decoder

References

- [1] A. Grigorev, M. J. Black, and O. Hilliges, “Hood: Hierarchical graphs for generalized modelling of clothing dynamics,” in *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition*, 2023, pp. 16 965–16 974.