bibliography

own publications

SCHNEIDER, Stefanie (2024a). “Man as Point Figure: Human Pose Retrieval in Art History.” In: *Annual International Conference of the Alliance of Digital Humanities Organizations, DH 2024*.

—. (2024b). “My Body is a Cage. Human Pose Estimation und Retrieval in kunsthistorischen Inventaren.” In: *10. Tagung des Verbands Digital Humanities im deutschsprachigen Raum, DHd 2024*. Ed. by Estelle Bunout and Joëlle Weis, 231–236. Online: <https://doi.org/10.5281/zenodo.10686565>.

—. (2025). “Assemblies of Points: Strategies to Art-historical Human Pose Estimation.” In: *Digital Humanities Quarterly* (Data Science and History. Practicing and Theorizing Data-driven Inquiries into the Past). Ed. by Gabor Mihaly Toth, Caitlin Burge, Christoph Purschke, and Marten Düring [forthcoming].

SCHNEIDER, Stefanie, Matthias Springstein, Javad Rahnama, Eyke Hüllermeier, Ralph Ewerth, and Hubertus Kohle (2020). “The Dissimilar in the Similar: An Attribute-guided Approach to the Subject-specific Classification of Art-historical Objects.” In: *50. Jahrestagung der Gesellschaft für Informatik, INFORMATIK 2020*. Ed. by Ralf H. Reussner, Anne Koziolek, and Robert Heinrich. Vol. P-307. LNI. Bonn: GI, 1355–1364. Online: <https://doi.org/10.18420/inf2020_127>.

SCHNEIDER, Stefanie, Matthias Springstein, Javad Rahnama, Hubertus Kohle, Ralph Ewerth, and Eyke Hüllermeier (2022). “iART. Eine Suchmaschine zur Unterstützung von bildorientierten Forschungsprozessen.” In: *8. Tagung des Verbands Digital Humanities im deutschsprachigen Raum, DHd 2022*. Ed. by Michaela Geierhos, 142–147. Online: <https://doi.org/10.5281/zenodo.6310.528175>.

Published in: Stefanie Schneider, Art and the Artificial Eye: Algorithmic Views of the Human Posture, Heidelberg: arthistoricum.net, 2025.
https://doi.org/10.11588/arthistoricum.1566

Schneider, Stefanie and Ricarda Vollmer (2023). “Poses of People in Art: A Data Set for Human Pose Estimation in Digital Art History.” In: *ACM Journal on Computing and Cultural Heritage* 17.4. Online: <https://doi.org/10.1145/3696455>.

Springstein, Matthias, Stefanie Schneider, Christian Althaus, and Ralph Ewerth (2022). “Semi-supervised Human Pose Estimation in Art-historical Images.” In: *MM ’22: The 30th ACM International Conference on Multimedia*. Ed. by João Magalhães, Alberto Del Bimbo, Shin’ichi Satoh, Nicu Sebe, Xavier Alameda-Pineda, Qin-Jin, Vincent Oria, and Laura Toni. New York: ACM, 1107–1116. Online: <https://doi.org/10.1145/3503161.3548371>.

Springstein, Matthias, Stefanie Schneider, Javad Rahnama, Eyke Hüllermeier, Hubertus Kohle, and Ralph Ewerth (2021). “iART: A Search Engine for Art-historical Images to Support Research in the Humanities.” In: *MM ’21: The 29th ACM International Conference on Multimedia*. Ed. by Heng Tao Shen, Yueting Zhuang, John R. Smith, Yang Yang, Pablo César, Florian Metze, and Balakrishnan Prabhakaran. New York: ACM, 2801–2803. Online: <https://doi.org/10.1145/3474085.3478564>.

Springstein, Matthias, Stefanie Schneider, Javad Rahnama, Julian Stalter, Maximilian Kristen, Eric Müller-Budack, and Ralph Ewerth (2024). “Visual Narratives: Large-scale Hierarchical Classification of Art-historical Images.” In: *IEEE Winter Conference on Applications of Computer Vision, WACV 2024*. New York: IEEE, 7220–7230. Online: <https://doi.org/10.1109/WACV57701.2024.00705>.

other publications

Allison, Truett, Aina Puce, and Gregory McCarthy (2000). “Social Perception from Visual Cues: Role of the STS Region.” In: *Trends in Cognitive Sciences* 4.7, 267–278. Online: <https://doi.org/10.1016/s1364-6613(00)01501-1>.

Amirshahi, Seyed Ali, Gregor Uwe Hayn-Leichsenring, Joachim Denzler, and Christoph Redies (2014). “JenAesthetics Subjective Dataset: Analyzing Paintings by Subjective Scores.” In: *Computer Vision – ECCV 2014 Workshops*. Ed. by Lourdes Agapito, Michael M. Bronstein, and Carsten Rother. Vol. 8925. Lecture Notes in Computer Science. Cham: Springer, 3–19. Online: <https://doi.org/10.1007/978-3-319-16178-5_1>.

Anagnostis, Athanasios, Lefteris Benos, Dimitrios Tsaopoulos, Aristotelis Tagarakis, Naoum Tsolakis, and Dionysis Bochtis (2021). "Human Activity Recognition Through Recurrent Neural Networks for Human–Robot Interaction in Agriculture." In: *Applied Sciences* 11.2188. Online: <https://doi.org/10.3390/app11052188>.

Anderson, Steve F. (2017). *Technologies of Vision: The War Between Data and Images*. Cambridge, MA: MIT Press.

Andriluka, Mykhaylo, Leonid Pishchulin, Peter V. Gehler, and Bernt Schiele (2014). "2D Human Pose Estimation: New Benchmark and State of the Art Analysis." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2014*. New York: IEEE, 3686–3693. Online: <https://doi.org/10.1109/CVPR.2014.471>.

Arnold, Taylor and Lauren Tilton (2019). "Distant Viewing: Analyzing Large Visual Corpora." In: *Digital Scholarship in the Humanities* 34, i3–i16. Online: <https://doi.org/10.1093/llc/fqz013>.

Artacho, Bruno and Andreas E. Savakis (2020). "UniPose: Unified Human Pose Estimation in Single Images and Videos." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2020*. New York: IEEE, 7033–7042. Online: <https://doi.org/10.1109/CVPR42600.2020.00706>

Badler, Norman I. and Stephen W. Smoliar (1979). "Digital Representations of Human Movement." In: *ACM Computing Surveys* 11.1, 19–38. Online: <https://doi.org/10.1145/356757.356760>.

Baraldi, Lorenzo, Marcella Cornia, Costantino Grana, and Rita Cucchiara (2018). "Aligning Text and Document Illustrations: Towards Visually Explainable Digital Humanities." In: *24th International Conference on Pattern Recognition, ICPR 2018*. New York: IEEE, 1097–1102. Online: <https://doi.org/10.1109/ICPR.2018.8545064>.

Barasch, Moshe (1987). *Giotto and the Language of Gesture*. Cambridge: Cambridge University Press.

Bark, Sabine (1994). *Auf der Suche nach dem verlorenen Paradies. Das Thema des Sündenfalles in der altdeutschen Kunst (1495–1545)*. Europäische Hochschulschriften, Reihe 28, Kunstgeschichte 203. Frankfurt am Main: Lang.

Baxandall, Michael (1972). *Painting and Experience in 15^{th} Century Italy: A Primer in the Social History of Pictorial Style*. Oxford: Oxford University Press.

Becker, Matthias, Martin Bogner, Fabian Bross, François Bry, Caterina Campanella, Laura Commare, Silvia Cramerotti, Katharina Jakob, Martin Josko, Fabian Kneißl, Hubertus Kohle, Thomas Krefeld, Elena Levushkina, Stephan Lücke, Alessandra Puglisi, Anke Regner, Christian Riepl, Clemens Schefels, Corina Schemainda, Eva Schmidt, Stefanie Schneider, Gerhard Schön, Klaus Schulz, Franz Siglmüller, Bartholomäus Steinmayr, Florian Störkle, Iris Teske, and Christoph Wieser (2018). *ARTigo: Social Image Tagging: Dataset and Images*. Online: <https://doi.org/10.5282/ubm/data.136.

Bernasconi, Valentine, Eva Cetinic, and Leonardo Impett (2023). "A Computational Approach to Hand Pose Recognition in Early Modern Paintings." In: *Journal of Imaging* 9.6. Online: <https://doi.org/10.3390/jimaging9060120.

Berthelot, David, Nicholas Carlini, Ekin D. Cubuk, Alex Kurakin, Kihyuk Sohn, Han Zhang, and Colin Raffel (2020). "ReMixMatch: Semi-supervised Learning with Distribution Matching and Augmentation Anchoring." In: *8^{th} International Conference on Learning Representations, ICLR 2020*.

Berthelot, David, Nicholas Carlini, Ian J. Goodfellow, Nicolas Papernot, Avital Oliver, and Colin Raffel (2019). "MixMatch: A Holistic Approach to Semi-supervised Learning." In: *Advances in Neural Information Processing Systems 32, Annual Conference on Neural Information Processing Systems 2019, NeurIPS 2019*. Ed. by Hanna M. Wallach, Hugo Larochelle, Alina Beygelzimer, Florence d'Alché-Buc, Emily B. Fox, and Roman Garnett, 5050–5060.

Bianco, Simone, Davide Mazzini, Paolo Napoletano, and Raimondo Schettini (2019). "Multitask Painting Categorization by Deep Multibranch Neural Network." In: *Expert Systems with Applications* 135, 90–101. Online: <https://doi.org/10.1016/j.eswa.2019.05.036>.

Binford, Thomas O. (1994). "Body-centered Representation and Perception." In: *Object Representation in Computer Vision, International*

NSF-ARPA Workshops. Ed. by Martial Hebert, Jean Ponce, Terrance E. Boult, and Ari D. Gross. Vol. 994. Lecture Notes in Computer Science. Springer, 207–215. Online: <https://doi.org/10.1007/3-540-60477-4_15>.

Blake, Randolph and Maggie Shiffrar (2006). "Perception of Human Motion." In: *Annual Review of Psychology* 58, 47–73. Online: <https://doi.org/10.1146/annurev.psych.57.102904.190152>.

Blasis, Carlo (1830). *The Code of Terpsichore: The Art of Dancing: Comprising Its Theory and Practice, and a History of Its Rise and Progress, from the Earliest Times*. Trans. by R. Barton. London: Edward Bull.

—. (1858). *L'uomo. Fisico, intellettuale e morale*. Milano: Tipografia Guglielmini.

Bogo, Federica, Angjoo Kanazawa, Christoph Lassner, Peter V. Gehler, Javier Romero, and Michael J. Black (2016). "Keep It SMPL: Automatic Estimation of 3D Human Pose and Shape from a Single Image." In: *Computer Vision – ECCV 2016 – 14th European Conference*. Ed. by Bastian Leibe, Jiri Matas, Nicu Sebe, and Max Welling. Vol. 9909. Lecture Notes in Computer Science. Cham: Springer, 561–578. Online: <https://doi.org/10.1007/978-3-319-46454-1_34>.

Bonnet, Anne-Marie (2017). "Lucas Cranach der Ältere als Primus inter Pares. Competitio et aemulatio in der deutschen Aktmalerei." In: *Lucas Cranach der Ältere. Meister – Marke – Moderne*. Ed. by Gunnar Heydenreich, Daniel Görres, and Beat Wismer.

Borbein, Adolf H. (1993). "Die klassische Kunst der Antike." In: *Klassik im Vergleich Normativität und Historizität europäischer Klassiken.* Ed. by Wilhelm Voßkamp. Germanistische Symposien. Stuttgart: J.B. Metzler, 281–316. Online: <https://doi.org/10.1007/978-3-476-05558-3_19>.

Bouvier, Eric, Eyal Cohen, and Laurent Najman (1997). "From Crowd Simulation to Airbag Deployment: Particle Systems, a New Paradigm of Simulation." In: *Journal of Electronic Imaging* 6.1, 94–107. Online: <https://doi.org/10.1117/12.261175>.

Brandmair, Kathrin (2015). *Kruzifixe und Kreuzigungsgruppen aus dem Bereich der "Donauschule."* Petersberg: Imhof.

BRAUN, Marta (1992). *Picturing Time: The Work of Etienne-Jules Marey (1830–1904)*. Chicago: The University of Chicago Press.

BREDEKAMP, Horst (1995). "Words, Images, Ellipses." In: *Meaning in the Visual Arts: Views from the Outside: A Centennial Commemoration of Erwin Panofsky (1892–1968)*. Ed. by Irving Lavin. Princeton: Princeton University Press, 363–371.

BREMMER, Jan N. and Herman Roodenburg, eds. (1992). *A Cultural History of Gesture*. Ithaca, NY: Cornell University Press.

BRILLIANT, Richard (1963). *Gesture and Rank in Roman Art: The Use of Gestures to Denote Status in Roman Sculpture and Coinage*. New Haven, CT: Connecticut Academy of Arts & Sciences.

BURL, Michael C., Markus Weber, and Pietro Perona (1998). "A Probabilistic Approach to Object Recognition Using Local Photometry and Global Geometry." In: *Computer Vision – ECCV 1998 – 5th European Conference on Computer Vision*. Ed. by Hans Burkhardt and Bernd Neumann. Vol. 1407. Lecture Notes in Computer Science. Springer, 628–641. Online: <https://doi.org/10.1007/BFB0054769>.

BUTTERFIELD-ROSEN, Emmelyn (2021). *Modern Art and the Remaking of Human Disposition*. Chicago, IL: University of Chicago Press.

CAI, Zhaowei and Nuno Vasconcelos (2019). "Cascade R-CNN: High Quality Object Detection and Instance Segmentation." In: *IEEE Transactions on Pattern Analysis and Machine Intelligence* 43.5, 1483–1498. Online: <https://doi.org/10.1109/tpami.2019.2956516>.

CAMILLE, Michael, Zeynep Çelik, John Onians, Adrian Rifkin, and Christopher B. Steiner (1996). "Rethinking the Canon." In: *The Art Bulletin* 78.2, 197–217.

CAO, Yuhang, Kai Chen, Chen Change Loy, and Dahua Lin (2020). "Prime Sample Attention in Object Detection." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2020*. New York: IEEE, 11580–11588. Online: <https://doi.org/10.1109/CVPR42600.2020.01160>.

CAO, Zhe, Gines Hidalgo, Tomas Simon, Shih-En Wei, and Yaser Sheikh (2021). "OpenPose: Realtime Multi-person 2D Pose Estimation Using Part Affinity Fields." In: *IEEE Transactions on Pattern Analysis and*

Machine Intelligence 43.1, 172–186. Online: <https://doi.org/10.1109/TPAMI.2019.2929257>.

Carion, Nicolas, Francisco Massa, Gabriel Synnaeve, Nicolas Usunier, Alexander Kirillov, and Sergey Zagoruyko (2020). "End-to-end Object Detection with Transformers." In: *Computer Vision – ECCV 2020*. Vol. 12346. Lecture Notes in Computer Science. Cham: Springer, 213–229. Online: <https://doi.org/10.1007/978-3-030-58452-8_13>.

Carneiro, Gustavo, Nuno Pinho da Silva, Alessio Del Bue, and João Paulo Costeira (2012). "Artistic Image Classification: An Analysis on the PRINTART Database." In: *Computer Vision – ECCV 2012*. Ed. by Andrew W. Fitzgibbon, Svetlana Lazebnik, Pietro Perona, Yoichi Sato, and Cordelia Schmid. Vol. 7575. Lecture Notes in Computer Science. Cham: Springer, 143–157. Online: <https://doi.org/10.1007/978-3-642-33765-9_11>.

Carrasco, Julia (2019). *Der Sündenfall im Werk von Hans Baldung Grien. Ikonographie und Kontext*. Petersberg: Michael lmhof.

Castellano, Giovanna and Gennaro Vessio (2022). "A Deep Learning Approach to Clustering Visual Arts." In: *International Journal of Computer Vision* 130.11, 2590–2605. Online: <https://doi.org/10.1007/S11263-022-01664-Y>.

Cédras, Claudette and Mubarak Shah (1994). "A Survey of Motion Analysis from Moving Light Displays." In: *Conference on Computer Vision and Pattern Recognition, CVPR 1994*. IEEE, 214–221. Online: <https://doi.org/10.1109/CVPR.1994.323832>.

Cetinic, Eva (2021). "Iconographic Image Captioning for Artworks." In: *Pattern Recognition: ICPR International Workshops and Challenges*. Ed. by Alberto Del Bimbo, Rita Cucchiara, Stan Sclaroff, Giovanni Maria Farinella, Tao Mei, Marco Bertini, Hugo Jair Escalante, and Roberto Vezzani. Vol. 12663. Lecture Notes in Computer Science. Cham: Springer, 502–516. Online: <https://doi.org/10.1007/978-3-030-68796-0_36>.

Chan, Jacky C. P., Howard Leung, Kai-Tai Tang, and Taku Komura (2007). "Immersive Performance Training Tools Using Motion Capture Technology." In: *ICST Conference on Immersive Telecommunications & Workshops, IMMERSCOM 2007*. Ed. by Murat Kunt and Ghassan AlRegib. ICST/ACM. Online: <https://doi.org/10.4108/ICST.IMMERSCOM2007.2102>.

CHASTEL, André (2001). *Le Geste dans l'art*. Paris: Liana Levi.

CHEN, Cheng, Yueting Zhuang, Feiping Nie, Yi Yang, Fei Wu, and Jun Xiao (2011). "Learning a 3D Human Pose Distance Metric from Geometric Pose Descriptor." In: *IEEE Transactions on Visualization and Computer Graphics* 17.11, 1676–1689. Online: <https://doi.org/10.1109/TVCG.2010.272>.

CHEN, Haibo, Lei Zhao, Zhizhong Wang, Zhang Hui Ming, Zhiwen Zuo, Ailin Li, Wei Xing, and Dongming Lu (2021). "Artistic Style Transfer with Internal-External Learning and Contrastive Learning." In: *Conference on Neural Information Processing Systems, NIPS 2021*.

CHEN, Tianqi and Carlos Guestrin (2016). "XGBoost: A Scalable Tree Boosting System." In: *Proceedings of the 22nd ACM SIGKDD International Conference on Knowledge Discovery and Data Mining*. Ed. by Balaji Krishnapuram, Mohak Shah, Alexander J. Smola, Charu C. Aggarwal, Dou Shen, and Rajeev Rastogi. New York: ACM, 785–794. Online: <https://doi.org/10.1145/2939672.2939785>.

CHEN, Weiming, Zijie Jiang, Hailin Guo, and Xiaoyang Ni (2020a). "Fall Detection Based on Key Points of Human-skeleton Using OpenPose." In: *Symmetry* 12.5. Online: <https://doi.org/10.3390/SYM12050744>.

CHEN, Yilun, Zhicheng Wang, Yuxiang Peng, Zhiqiang Zhang, Gang Yu, and Jian Sun (2018). "Cascaded Pyramid Network for Multi-person Pose Estimation." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2018*. New York: IEEE, 7103–7112. Online: <https://doi.org/10.1109/CVPR.2018.00742>.

CHEN, Yucheng, Yingli Tian, and Mingyi He (2020b). "Monocular Human Pose Estimation: A Survey of Deep Learning-based Methods." In: *Computer Vision and Image Understanding* 192. Online: <https://doi.org/10.1016/j.cviu.2019.102897>.

CHENG, Bowen, Bin Xiao, Jingdong Wang, Honghui Shi, Thomas S. Huang, and Lei Zhang (2020). "HigherHRNet: Scale-aware Representation Learning for Bottom-up Human Pose Estimation." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2020*. New York: IEEE, 5385–5394. Online: <https://doi.org/10.1109/CVPR42600.2020.00543>.

Christiansen, Keith and Patricia Lee Rubin (2011). *Gesichter der Renaissance. Meisterwerke italienischer Portrait-Kunst*. Published following the exhibition "Gesichter der Renaissance. Meisterwerke italienischer Portrait-Kunst" at the Bode Museum Berlin, 25.8.–20.11.2011 and at the Metropolitan Museum of Art New York, 19.12.2011–18.3.2012. Munich: Hirmer.

Crowley, Elliot J. and Andrew Zisserman (2014). "In Search of Art." In: *Computer Vision – ECCV 2014 Workshops*. Ed. by Lourdes Agapito, Michael M. Bronstein, and Carsten Rother. Vol. 8925. Lecture Notes in Computer Science. Cham: Springer, 54–70. Online: <https://doi.org/10.1007/978-3-319-16178-5_4>.

Dagognet, François (1992). *Étienne-Jules Marey: A Passion for the Trace*. Trans. by Robert Galeta and Jeanine Herman. New York: Zone Books.

Davidson, Clifford, ed. (2001). *Gesture in Medieval Drama and Art*. Early Drama, Art, and Music Monograph Series 28. Kalamazoo, MI: Medieval Institute Publications.

Davidson, Donald (1978). "What Metaphors Mean." In: *Critical Inquiry* 5.1, 31–47.

Davis, Martha (1972). *Understanding Body Movement: An Annotated Bibliography*. New York: Arno Press.

—. (1975). *Towards Understanding the Intrinsic in Body Movement*. New York: Arno Press.

de la Sizeranne, Robert (1899). "La photographie est-elle un art?" In: *Quatrième Période* 144.3, 564–595.

de Lairesse, Gérard (1784). *Großes Mahler-Buch. Worinnen die Mahlerey nach allen ihren Theilen gründlich gelehret, durch vernünftige Raisonnements über Gemählde erklärt, und aus den besten Kunststücken der alten und neuen berühmtesten Mahler in Kupferstichen deutlich dargestellt wird*. Nuremberg.

Delmas, Ginger, Philippe Weinzaepfel, Thomas Lucas, Francesc Moreno-Noguer, and Grégory Rogez (2022). "PoseScript: 3D Human Poses from Natural Language." In: *Computer Vision – ECCV 2022 – 17th European Conference*. Ed. by Shai Avidan, Gabriel J. Brostow, Moustapha

Cissé, Giovanni Maria Farinella, and Tal Hassner. Vol. 13666. Lecture Notes in Computer Science. Cham: Springer, 346–362. Online: <https://doi.org/10.1007/978-3-031-20068-7_20>.

Deuchler, Florens (2014). *Strukturen und Schauplätze der Gestik. Gebärden und ihre Handlungsorte in der Malerei des ausgehenden Mittelalters*. Berlin: De Gruyter.

Didi-Huberman, Georges (2002). *L'image survivante. Histoire de l'art et temps des fantômes selon Aby Warburg*. Paris: Les Éditions de Minuit.

Dobson, James E. (2023). *The Birth of Computer Vision*. Minneapolis, MN: University of Minnesota Press.

Dori, Dov (2002). *Object-Process Methodology: A Holistic System Paradigm*. New York: Springer.

Drucker, Johanna (2013). "Is There a 'Digital' Art History?" In: *Visual Resources* 29, 5–13. Online: <https://doi.org/10.1080/01973762.2013.761106>.

Du Preez, Amanda (2020). "Approaching Aby Warburg and Digital Art History: Thinking Through Images." In: *The Routledge Companion to Digital Humanities and Art History*. Ed. by Kathryn Brown. New York: Routledge, 374–385.

Dürer, Albrecht (1528). *Hierin[n] sind begriffen vier Bücher von menschlicher Proportion*. Nuremberg: Formschneyder.

Egidi, Margreth, Oliver Schneider, Matthias Schöning, Irene Schütze, and Caroline Torra-Mattenklott (2000). "Riskante Gesten. Einführung." In: *Gestik. Figuren des Körpers in Text und Bild*. Ed. by Margreth Egidi, Oliver Schneider, Matthias Schöning, Irene Schütze, and Caroline Torra-Mattenklott. Literatur und Anthropologie 8. Tübingen: Narr.

Eichner, Marcin and Vittorio Ferrari (2009). "Better Appearance Models for Pictorial Structures." In: *British Machine Vision Conference, BMVC 2009*. Ed. by Andrea Cavallaro, Simon Prince, and Daniel C. Alexander. British Machine Vision Association, 1–11. Online: <https://doi.org/10.5244/C.23.3>.

—. (2012). "Human Pose Co-estimation and Applications." In: *IEEE Transactions on Pattern Analysis and Machine Intelligence* 34.11, 2282–2288. Online: <https://doi.org/10.1109/TPAMI.2012.85>.

Ekman, Paul and Wallace V. Friesen (1969). "The Repertoire of Nonverbal Behavior: Categories, Origins, Usage and Coding." In: *Semiotica* 1.1, 49–98. Online: <https://doi.org/10.1515/semi.1969.1.1.49>.

Elcott, Noam M. (2016). *Artificial Darkness: An Obscure History of Modern Art and Media*. Chicago: University of Chicago Press.

Elgammal, Ahmed, Bingchen Liu, Diana Kim, Mohamed Elhoseiny, and Marian Mazzone (2018). "The Shape of Art History in the Eyes of the Machine." In: *AAAI Conference on Artificial Intelligence, AAAI 2018*. Ed. by Sheila A. McIlraith and Kilian Q. Weinberger. AAAI Press, 2183–2191. Online: <https://doi.org/10.1609/AAAI.V32I1.11894>.

Elkins, James, ed. (2007). *Is Art History Global?* Vol. 3. The Art Seminar. New York: Taylor & Francis.

Emmanuel, Maurice (1916). *The Antique Greek Dance: After Sculptured and Painted Figures*. Trans. by Harriet Jean Beauley. New York: John Lane.

Eriksson, Erik Sture (1973). "Distance Perception and the Ambiguity of Visual Stimulation: A Theoretical Note." In: *Perception & Psychophysics* 13.3, 379–381.

Everingham, Mark, Luc Van Gool, Christopher K. I. Williams, John Winn, and Andrew Zisserman (2010). "The Pascal Visual Object Classes (VOC) Challenge." In: *International Journal of Computer Vision* 88, 303–338. Online: <https://doi.org/10.1007/s11263-009-0275-4>.

Fanello, Sean Ryan, Ilaria Gori, Giorgio Metta, and Francesca Odone (2013). "One-shot Learning for Real-time Action Recognition." In: *Iberian Conference on Pattern Recognition and Image Analysis, IbPRIA 2013*. Ed. by João M. Sanches, Luisa Micó, and Jaime S. Cardoso. Vol. 7887. Lecture Notes in Computer Science. Cham: Springer, 31–40. Online: <https://doi.org/10.1007/978-3-642-38628-2_4>.

Felzenszwalb, Pedro F. and Daniel P. Huttenlocher (2005). "Pictorial Structures for Object Recognition." In: *International Journal of Com-*

puter Vision 61.1, 55–79. Online: <https://doi.org/10.1023/B:VISI.0000042934.15159.49>.

Feng, Chengjian, Yujie Zhong, Yu Gao, Matthew R. Scott, and Weilin Huang (2021). "TOOD: Task-aligned One-stage Object Detection." In: *IEEE/CVF International Conference on Computer Vision*. New York: IEEE, 3510–3519. Online: <https://doi.org/10.1109/ICCV48922.2021.00349>.

Ferrari, Vittorio, Manuel J. Marín-Jiménez, and Andrew Zisserman (2008). "Progressive Search Space Reduction for Human Pose Estimation." In: *IEEE Computer Society Conference on Computer Vision and Pattern Recognition, CVPR 2008*. IEEE. Online: <https://doi.org/10.1109/CVPR.2008.4587468>.

—. (2009). "Pose Search: Retrieving People Using Their Pose." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2009*. New York: IEEE, 1–8. Online: <https://doi.org/10.1109/CVPR.2009.5206495>.

Fischler, Martin A. and Robert A. Elschlager (1973). "The Representation and Matching of Pictorial Structures." In: *IEEE Transactions on Computers* 22.1, 67–92. Online: <https://doi.org/10.1109/T-C.1973.223602>.

Fleck, Margaret M., David A. Forsyth, and Christoph Bregler (1996). "Finding Naked People." In: *Computer Vision – ECCV 1996 – 4th European Conference on Computer Vision*. Ed. by Bernard F. Buxton and Roberto Cipolla. Vol. 1065. Lecture Notes in Computer Science. Springer, 593–602. Online: <https://doi.org/10.1007/3-540-61123-1_173>.

Fliedl, Ilsebill Barta and Christoph Geissmar (1992). *Die Beredsamkeit des Leibes. Zur Körpersprache in der Kunst*. Salzburg/Vienna: Residenz Verlag.

Florea, Corneliu, Razvan George Condorovici, Constantin Vertan, Raluca Butnaru, Laura Florea, and Ruxandra Vrânceanu (2016). "Pandora: Description of a Painting Database for Art Movement Recognition with Baselines and Perspectives." In: *24th European Signal Processing Conference, EUSIPCO 2016*. New York: IEEE, 918–922. Online: <https://doi.org/10.1109/EUSIPCO.2016.7760382>.

FORGY, Edward W. (1965). “Cluster Analysis of Multivariate Data: Efficiency versus Interpretability of Classifications.” In: *Biometrics* 21, 768–780. Online: <https://doi.org/10.1145/3386569.3392410>.

FORSYTH, David A. and Margaret M. Fleck (1997). “Body Plans.” In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 1997*. IEEE, 678–683. Online: <https://doi.org/10.1109/CVPR.1997.609399>.

FOUCAULT, Michel (1966). *Les mots et les choses. Une archéologie des sciences humaines*. Bibliothèque des Sciences humaines. Paris: Gallimard.

FRIEDENTHAL, Sanford, Alan Moore, and Rick Steiner (2011). *A Practical Guide to SysML: The Systems Modeling Language*. Burlington: Elsevier.

FRIEDLÄNDER, Max J. (1946). *Von Kunst und Kennerschaft*. Oxford: Cassirer und Oprecht.

FRINGS, Marcus (1998). *Mensch und Maß. Anthropomorphe Elemente in der Architekturtheorie des Quattrocento*. Weimar: Verlag und Datenbank für Geisteswissenschaften.

FRITSCH, Gustav (1899). *Die Gestalt des Menschen. Mit Benutzung der Werke von E. Harless und C. Schmidt für Künstler und Anthropologen dargestellt*. Stuttgart: Paul Neff.

FÜRST, Paulus (n.d.). *Reißbüchlein / Für die anhebente Jugent / dientlich*. Nuremberg: Germanisches Nationalmuseum.

GALTON, Francis (1878). “Les portraits composites.” In: *Revue Scientifique* 15.

GAMPP, Axel (2008). “Antikendämmerung. Vom eingeschränkten Gebrauch der Gesten als Bildsprache im frühen Mittelalter.” In: *Riten, Gesten, Zeremonien. Gesellschaftliche Symbolik in Mittelalter und Früher Neuzeit*. Ed. by Edgar Bierende, Sven Bretfeld, and Klaus Oschema. Trends in Medieval Philology 14. Berlin: De Gruyter. Online: <https://doi.org/10.1515/9783110210897.1.3>.

GARCIA, Noa, Benjamin Renoust, and Yuta Nakashima (2019). “Context-aware Embeddings for Automatic Art Analysis.” In: *International Conference on Multimedia Retrieval, ICMR 2019*. Ed. by Abdulmotaleb El-Saddik, Alberto Del Bimbo, Zhongfei Zhang, Alexander G. Hauptmann, K. Selçuk Candan, Marco Bertini, Lexing Xie, and Xiao-Yong Wei. ACM, 25–33. Online: <https://doi.org/10.1145/3323873.3325028>.

Garcia, Noa and George Vogiatzis (2018). "How to Read Paintings: Semantic Art Understanding with Multi-modal Retrieval." In: *Computer Vision – ECCV 2018 Workshops*. Ed. by Laura Leal-Taixé and Stefan Roth. Vol. 11130. Lecture Notes in Computer Science. Cham: Springer, 676–691. Online: <https://doi.org/10.1007/978-3-030-11012-3_52>.

Garcia, Noa, Chentao Ye, Zihua Liu, Qingtao Hu, Mayu Otani, Chenhui Chu, Yuta Nakashima, and Teruko Mitamura (2020). "A Dataset and Baselines for Visual Question Answering on Art." In: *Computer Vision – ECCV 2020 Workshops*. Ed. by Adrien Bartoli and Andrea Fusiello. Vol. 12536. Lecture Notes in Computer Science. Cham: Springer, 92–108. Online: <https://doi.org/10.1007/978-3-030-66096-3_8>.

Geyer, Otto (1902). *Der Mensch. Hand- und Lehrbuch der Masse, Knochen und Muskeln des menschlichen Körpers für Künstler, Architekten, Kunst-, Kunstgewerbe-, Handwerker-schulen und zum Selbstunterricht*. Stuttgart, Berlin, Leipzig: Union Deutsche Verlagsgesellschaft.

Ginosar, Shiry, Daniel Haas, Timothy Brown, and Jitendra Malik (2014). "Detecting People in Cubist Art." In: *Computer Vision – ECCV 2014 Workshops*. Ed. by Lourdes Agapito, Michael M. Bronstein, and Carsten Rother. Vol. 8925. Lecture Notes in Computer Science. Cham: Springer, 101–116. Online: <https://doi.org/10.1007/978-3-319-16178-5_7>.

Golda, Thomas, Tobias Kalb, Arne Schumann, and Jürgen Beyerer (2019). "Human Pose Estimation for Real-world Crowded Scenarios." In: *IEEE International Conference on Advanced Video and Signal Based Surveillance, AVSS 2019*. New York: IEEE, 1–8. Online: <https://doi.org/10.1109/AVSS.2019.8909823>.

Gombrich, Ernst H. (1966). "Ritualized Gesture and Expression in Art." In: *Philosophical Transactions of the Royal Society of London*. Vol. 251. Series B, Biological Sciences 772, 393–401. Online: <https://doi.org/10.1098/rstb.1966.0025>.

—. (1970). *Aby Warburg. Eine intellektuelle Biographie*. Frankfurt am Main: Europäische Verlagsanstalt.

GONG, Wenjuan, Xuena Zhang, Jordi Gonzàlez, Andrews Sobral, Thierry Bouwmans, Changhe Tu, and El-hadi Zahzah (2016). "Human Pose Estimation from Monocular Images: A Comprehensive Survey." In: *Sensors* 16.12. Online: <https://doi.org/10.3390/s16121966>.

GONTHIER, Nicolas, Yann Gousseau, Saïd Ladjal, and Olivier Bonfait (2018). "Weakly Supervised Object Detection in Artworks." In: *Computer Vision – ECCV 2018 Workshops*. Ed. by Laura Leal-Taixé and Stefan Roth. Vol. 11130. Lecture Notes in Computer Science. Cham: Springer, 692–709. Online: <https://doi.org/10.1007/978-3-030-11012-3_53>.

GONTHIER, Nicolas, Saïd Ladjal, and Yann Gousseau (2022). "Multiple Instance Learning on Deep Features for Weakly Supervised Object Detection with Extreme Domain Shifts." In: *Computer Vision and Image Understanding* 214. Online: <https://doi.org/10.1016/j.cviu.2021.103299>.

GOODFELLOW, Ian, Yoshua Bengio, and Aaron Courville (2016). *Deep Learning*. Cambridge, MA: MIT Press. Online: <http://www.deeplearningbook.org> (accessed 17 October 2024).

GOODMAN, Nelson (1972). "Seven Strictures on Similarity." In: *Problems and Projects*. Ed. by Nelson Goodman. Indianapolis, IN: Bobbs-Merrill.

GREWENIG, Meinrad Maria (1987). *Der Akt in der deutschen Renais- sance. Die Einheit von Nacktheit und Leib in der bildenden Kunst*. Freren: Luca.

GROCHOW, Keith, Steven L. Martin, Aaron Hertzmann, and Zoran Popovic (2004). "Style-based Inverse Kinematics." In: *ACM Transactions on Graphics* 23.3, 522–531. Online: <https://doi.org/10.1145/1015706.1015755>.

HAHNLOSER, Hans R. (1972). *Villard de Honnecourt. Kritische Gesamtausgabe des Bauhüttenbuches ms. fr 19093 der Pariser Nationalbibliothek*. Graz: Akademische Druck- und Verlagsanstalt.

HARADA, Tatsuya, So Taoka, Taketoshi Mori, and Tomomasa Sato (2004). "Quantitative Evaluation Method for Pose and Motion Similarity Based on Human Perception." In: *IEEE/RAS International Conference on Humanoid Robots, Humanoids 2004*. New York: IEEE, 494–512. Online: <https://doi.org/10.1109/ICHR.2004.1442140>.

Haussherr, Reiner (1971). *Michelangelos Kruzifixus für Vittoria Colonna. Bemerkungen zu Ikonographie und theologischer Deutung*. Opladen: Westdeutscher Verlag.

He, Kaiming, Xiangyu Zhang, Shaoqing Ren, and Jian Sun (2016). "Deep Residual Learning for Image Recognition." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2016*. New York: IEEE, 770–778. Online: <https://doi.org/10.1109/CVPR.2016.90>.

Hecht, Lisa (2021). "Degas' gähnende Büglerinnen zwischen Decorumsverstoß und Hysterie." In: *Atem. Gestalterische, ökologische und soziale Dimensionen*. Ed. by Linn Burchert and Iva Rešetar. Berlin: De Gruyter. Online: <https://doi.org/10.1515/9783110701876>.

Hinz, Berthold, ed. (2011). *Albrecht Dürer. Vier Bücher von menschlicher Proportion (1528). Mit einem Katalog der Holzschnitte*. Berlin: Akademie Verlag.

Hirschorn, Or and Shai Avidan (2023). *Pose Anything: A Graph-based Approach for Category-agnostic Pose Estimation*. arXiv: 2311.17891.

Ho, Edmond S. L. and Taku Komura (2009). "Indexing and Retrieving Motions of Characters in Close Contact." In: *IEEE Transactions on Visualization and Computer Graphics* 15.3, 481–492. Online: <https://doi.org/10.1109/TVCG.2008.199>.

Hogg, David C. (1983). "Model-based Vision: A Program to See a Walking Person." In: *Image and Vision Computing* 1.1, 5–20. Online: <https://doi.org/10.1016/0262-8856(83)90003-3>.

Host, Kristina and Marina Ivašic-Kos (2022). "An Overview of Human Action Recognition in Sports Based on Computer Vision." In: *Heliyon* 8.6. Online: <https://doi.org/10.1016/j.heliyon.2022.e09633>.

Huang, Haiyang, Yingfan Wang, Cynthia Rudin, and Edward P. Browne (2022). "Towards a Comprehensive Evaluation of Dimension Reduction Methods for Transcriptomic Data Visualization." In: *Communications Biology* 5.719. Online: <https://doi.org/10.1038/s42003-022-03628-x>.

Huch, Ricarda (1922). *Vom Wesen des Menschen. Natur und Geist*. Prien: Kampmann & Schnabel.

HÜRKEY, Edgar (1983). *Das Bild des Gekreuzigten im Mittelalter. Untersuchungen zu Gruppierung, Entwicklung und Verbreitung anhand der Gewandmotive*. Ingelheim: Werner'sche Verlagsgesellschaft.

IM, Daniel Jiwoong, Nakul Verma, and Kristin Branson (2018). *Stochastic Neighbor Embedding under f-divergences*. arXiv: 1811.01247.

IMPETT, Leonardo and Franco Moretti (2017). *Totentanz: Operationalizing Aby Warburg's 'Pathosformeln.'* Pamphlets of the Stanford Literary Lab 16. Stanford: Stanford Literary Lab. Online: <https://litlab.stanford.edu/LiteraryLabPamphlet16.pdf> (accessed 17 October 2024).

IMPETT, Leonardo and Sabine Süsstrunk (2016). "Pose and Pathosformel in Aby Warburg's Bilderatlas." In: *Computer Vision – ECCV 2016 Workshops*. Ed. by Gang Hua and Hervé Jégou. Vol. 9913. Lecture Notes in Computer Science. Cham: Springer, 888–902. Online: <https://doi.org/10.1007/978-3-319-46604-0_61>.

IOFFE, Sergey and David A. Forsyth (1998). "Learning to Find Pictures of People." In: *Advances in Neural Information Processing Systems* 11, NIPS 1998. Ed. by Michael J. Kearns, Sara A. Solla, and David A. Cohn. Cambridge, MA: MIT Press, 782–788.

JADON, Shruti and Aryan Jadon (2023). *An Overview of Deep Learning Architectures in Few-shot Learning Domain*. arXiv: 1412.6980.

JANSSEN, Pierre-César Jules (1873). "Passage de Vénus. Méthode pour obtenir photographiquement l'instant des contacts avec les circonstances physiques qu'ils présentent." In: *Comptes rendus des séances de l'Académie des sciences* 76.

JENÍCEK, Tomás and Ondrej Chum (2019). "Linking Art Through Human Poses." In: *International Conference on Document Analysis and Recognition, ICDAR 2019*. New York: IEEE, 1338–1345. Online: <https://doi.org/10.1109/ICDAR.2019.00216>.

JIN, Sheng, Lumin Xu, Jin Xu, Can Wang, Wentao Liu, Chen Qian, Wanli Ouyang, and Ping Luo (2020). "Whole-body Human Pose Estimation in the Wild." In: *Computer Vision – ECCV 2020 – 16th European Conference*. Ed. by Andrea Vedaldi, Horst Bischof, Thomas Brox, and Jan-Michael Frahm. Vol. 12354. Lecture Notes in Computer Science. Cham: Springer, 196–214. Online: <https://doi.org/10.1007/978-3-030-58545-7_12>.

JOHANSSON, Gunnar (1973). "Visual Perception of Biological Motion and a Model for Its Analysis." In: *Perception & Psychophysics* 14.2, 201–211. Online: <https://doi.org/10.3758/BF03212378>.

JOHNSON, Jeff, Matthijs Douze, and Hervé Jégou (2021). "Billion-scale Similarity Search with GPUs." In: *IEEE Transactions on Big Data* 7.3, 535–547. Online: <https://doi.org/10.1109/TBDATA.2019.2921572>.

JOHNSON, Sam and Mark Everingham (2011). "Learning Effective Human Pose Estimation from Inaccurate Annotation." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2011*. New York: IEEE, 1465–1472. Online: <https://doi.org/10.1109/CVPR.2011.5995318>.

JU, Xuan, Ailing Zeng, Wang Jianan, Xu Qiang, and Zhang Lei (2023). "Human-Art: A Versatile Human-centric Dataset Bridging Natural and Artificial Scenes." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2023*. New York: IEEE, 618–629. Online: <https://doi.org/10.1109/CVPR52729.2023.00067>.

KADISH, David, Sebastian Risi, and Anders Sundnes Løvlie (2021). "Improving Object Detection in Art Images Using Only Style Transfer." In: *International Joint Conference on Neural Networks, IJCNN 2021*. New York: IEEE, 1–8. Online: <https://doi.org/10.1109/IJCNN52387.2021.9534264>.

KAHN, Fritz (1927). *Das Leben des Menschen. Eine volkstümliche Anatomie, Biologie, Physiologie und Entwicklungsgeschichte des Menschen*. 5 vols. Stuttgart: Kosmos.

KANDINSKY, Wassily (1926). "Tanzkurven. Zu den Tänzen der Palucca." In: *Das Kunstblatt* 10.3, 117–121.

KANZ, Roland (1993). *Dichter und Denker im Porträt. Spurengänge zur deutschen Porträtkultur des 18. Jahrhunderts*. Kunstwissenschaftliche Studien 59. Munich: Deutscher Kunstverlag.

KARJUS, Andres, Mar Canet Solà, Tillmann Ohm, Sebastian E. Ahnert, and Maximilian Schich (2023). "Compression Ensembles Quantify Aesthetic Complexity and the Evolution of Visual Art." In: *EPJ Data Science* 12.1. Online: <https://doi.org/10.1140/EPJDS/S13688-023-00397-3>.

Keele, Kenneth D. (1983). *Leonardo da Vinci's Elements of the Science of Man*. New York/London: Academic Press.

Kemp, Martin (2006). *Leonardo da Vinci: The Marvellous Works of Nature and Man*. Oxford: Oxford University Press.

Kemp, Wolfgang (1973). "Das Bild der Menge (1789–1830)." In: *Städel Jahrbuch. Neue Folge*. Vol. 4. Munich: Prestel, 249–269. Online: <https://doi.org/10.11588/artdok.00001897>.

Khan, Fahad Shahbaz, Shida Beigpour, Joost van de Weijer, and Michael Felsberg (2014). "Painting-91: A Large Scale Database for Computational Painting Categorization." In: *Machine Vision Applications* 25.6, 1385–1397. Online: <https://doi.org/10.1007/s00138-014-0621-6>.

Klemm, Bernhard (1901). *Katechismus der Tanzkunst. Ein Leitfaden für Lehrer und Lernende*. Leipzig: J.J. Weber.

Knoblich, Günther, Ian M. Thornton, Marc Grosjean, and Maggie Shiffrar, eds. (2006). *Human Body Perception from the Inside Out: Advances in Visual Cognition*. New York: Oxford University Press.

Koerner, Joseph L. (2012). "Writing Rituals: The Case of Aby Warburg." In: *Common Knowledge* 18.1, 86–105. Online: <https://doi.org/10.1215/0961754X-1456899>.

Kohle, Hubertus (2007). "Katastrophe als Strategie und Wunsch. Englische und deutsche Landschaftsmalerei des 19. und frühen 20. Jahrhunderts." In: *AngstBilderSchauLust. Katastrophenerfahrungen in Kunst, Musik und Theater*. Ed. by Jürgen Schläder. Leipzig: Henschel, 125–146. Online: <https://doi.org/10.5282/ubm/epub.25708>.

Kong, Yu and Yun Fu (2022). "Human Action Recognition and Prediction: A Survey." In: *International Journal of Computer Vision* 130.5, 1366–1401. Online: <https://doi.org/10.1007/s11263-022-01594-9>.

Kovar, Lucas and Michael Gleicher (2004). "Automated Extraction and Parameterization of Motions in Large Data Sets." In: *ACM Transactions on Graphics* 23.3, 559–568. Online: <https://doi.org/10.1145/1015706.1015760>.

KOVAR, Lucas, Michael Gleicher, and Frédéric H. Pighin (2002). "Motion Graphs." In: *ACM Transactions on Graphics* 21.3, 473–482. Online: <https://doi.org/10.1145/566654.566605>.

KREISS, Sven, Lorenzo Bertoni, and Alexandre Alahi (2019). "PifPaf: Composite Fields for Human Pose Estimation." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2019*. New York: IEEE, 11977–11986. Online: <https://doi.org/10.1109/CVPR.2019.01225>.

KUCHLING, Heimo (2003). *Oskar Schlemmer. Der Mensch. Unterricht am Bauhaus. Nachgelassene Aufzeichnungen*. Ed. by Hans M. Wingler. Neue Bauhausbücher. Berlin: Gebr. Mann.

KUHN, Harold W. (1955). "The Hungarian Method for the Assignment Problem." In: *Naval Research Logistics Quarterly* 2.1–2, 83–97.

LAN, Gongjin, Yu Wu, Fei Hu, and Qi Hao (2023). "Vision-based Human Pose Estimation via Deep Learning: A Survey." In: *IEEE Transactions on Human-Machine Systems* 53.1, 253–268. Online: <https://doi.org/10.1109/THMS.2022.3219242>.

LAUTENSACK, Heinrich (1564). *Des Zirkels und Richtscheits auch der Perspektiva und Proportion der Menschen und Rosse kurze und gründliche Unterweisung des rechten Gebrauchs ... für Goldschmiede, Maler, Bildhauer, Steinmetze usw*. Frankfurt am Main.

LAVATER, Johann Caspar (1775–1778). *Physiognomische Fragmente. Zur Beförderung der Menschenkenntniß und Menschenliebe*. 4 vols. Leipzig/Winterthur: Weidmanns Erben.

LE BRUN, Charles (1802). *Handwörterbuch der Seelenmahlerei. Zum gemeinnützigen Gebrauch, besonders für Zeichner, Mahler und Liebhaber charakteristischer und allegorischer Darstellungen*. Leipzig: Kleefeld.

LESSING, Gotthold Ephraim (1766). *Laokoon. Über die Grenzen der Mahlerey und Poesie. Mit beyläufigen Erläuterungen verschiedner Punkte der alten Kunstgeschichte*. Berlin: Christian Friedrich Voss.

LEUSCHNER, Eckhard (2020). *Maßfiguren. Körpernormen und Menschenbild in Kunst- und Architekturtheorie des 20. Jahrhunderts*. Vol. 172. Studien zur internationalen Architektur- und Kunstgeschichte. Petersberg: Michael Imhof.

Li, Jiefeng, Can Wang, Hao Zhu, Yihuan Mao, Haoshu Fang, and Cewu Lu (2019). “CrowdPose: Efficient Crowded Scenes Pose Estimation and a New Benchmark.” In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2019*. New York: IEEE, 10863–10872. Online: <https://doi.org/10.1109/CVPR.2019.01112>.

Li, Ke, Shijie Wang, Xiang Zhang, Yifan Xu, Weijian Xu, and Zhuowen Tu (2021). “Pose Recognition with Cascade Transformers.” In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2021*. New York: IEEE, 1944–1953.

Liao, Peiyuan, Xiuyu Li, Xihui Liu, and Kurt Keutzer (2022). *The ArtBench Dataset: Benchmarking Generative Models with Artworks*. arXiv: 2206.11404.

Lichtensteger, Georg (1746). *Die aus der Arithmetic und Geometrie heraus geholten Gründe zur Menschlichen Propportion*. Nuremberg: Fleischmann.

Lin, Tsung-Yi, Michael Maire, Serge Belongie, James Hays, Pietro Perona, Deva Ramanan, Piotr Dollár, and C. Lawrence Zitnick (2014). “Microsoft COCO: Common Objects in Context.” In: *Computer Vision – ECCV 2014*. Ed. by David Fleet, Tomas Pajdla, Bernt Schiele, and Tinne Tuytelaars. Cham: Springer, 740–755. Online: <https://doi.org/10.1007/978-3-319-10602-1_48>.

Linderman, George C., Manas Rachh, Jeremy G. Hoskins, Stefan Steinerberger, and Yuval Kluger (2019). “Fast Interpolation-based t-SNE for Improved Visualization of Single-cell RNA-seq Data.” In: *Nature Methods* 16.3. Online: <https://doi.org/10.1038/s41592-018-0308-4>.

Liu, Jingyuan, Hongbo Fu, and Chiew-Lan Tai (2020). “PoseTween: Pose-driven Tween Animation.” In: *UIST ’20: The 33rd Annual ACM Symposium on User Interface Software and Technology*. Ed. by Shamsi T. Iqbal, Karon E. MacLean, Fanny Chevalier, and Stefanie Mueller. New York: ACM, 791–804. Online: <https://doi.org/10.1145/3379337.3415822>.

Liu, Jingyuan, Mingyi Shi, Qifeng Chen, Hongbo Fu, and Chiew- Lan Tai (2021). “Normalized Human Pose Features for Human Action Video Alignment.” In: *IEEE/CVF International Conference on Computer Vision, ICCV 2021*. IEEE, 11501–11511. Online: <https://doi.org/10.1109/ICCV48922.2021.01132>.

Liu, Ting, Jennifer J. Sun, Long Zhao, Jiaping Zhao, Liangzhe Yuan, Yuxiao Wang, Liang-Chieh Chen, Florian Schroff, and Hartwig Adam (2022). "View-invariant, Occlusion-robust Probabilistic Embedding for Human Pose." In: *International Journal of Computer Vision* 130.1, 111–135. Online: <https://doi.org/10.1007/s11263-021-01529-w>.

Loesch, Ilse (1974). *Sprechende Bewegung. Ein Studienbuch für Schauspieler und Regisseure*. Berlin: Henschel.

Lombroso, Cesare (1876). *L'uomo delinquente. In rapporto all'antropologia, alla giurisprudenza ed alle discipline carcerarie*. Turin: Bocca.

Lorenz, Katharina (2016). *Ancient Mythological Images and Their Interpretation: An Introduction to Iconology, Semiotics and Image Studies in Classical Art History*. Cambridge: Cambridge University Press.

Loshchilov, Ilya and Frank Hutter (2019). "Decoupled Weight Decay Regularization." In: *International Conference on Learning Representations, ICLR 2019*. arXiv: 1711.05101.

Lu, Mandy, Kathleen L. Poston, Adolf Pfefferbaum, Edith V. Sullivan, Li Fei-Fei, Kilian M. Pohl, Juan Carlos Niebles, and Ehsan Adeli (2020a). "Vision-based Estimation of MDS-UPDRS Gait Scores for Assessing Parkinson's Disease Motor Severity." In: *Medical Image Computing and Computer Assisted Intervention – MICCAI 2020 – 23rd International Conference*. Ed. by Anne L. Martel, Purang Abolmaesumi, Danail Stoyanov, Diana Mateus, Maria A. Zuluaga, S. Kevin Zhou, Daniel Racoceanu, and Leo Joskowicz. Vol. 12263. Lecture Notes in Computer Science. Cham: Springer, 637–647. Online: <https://doi.org/10.1007/978-3-030-59716-0_61>.

Lu, MingQi, Yaocong Hu, and Xiaobo Lu (2020b). "Driver Action Recognition Using Deformable and Dilated Faster R-CNN with Optimized Region Proposals." In: *Applied Intelligence* 50.4, 1100–1111. Online: <https://doi.org/10.1007/s10489-019-01603-4>.

Luvizon, Diogo C., David Picard, and Hedi Tabia (2018). "2D/3D Pose Estimation and Action Recognition Using Multitask Deep Learning." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2018*. New York: IEEE, 5137–5146. Online: <https://doi.org/10.1109/CVPR.2018.00539>.

Löffler, Walter (1987). "Haltung und Bewegung als Ausdruckssprache bei Michelangelo. Das Vokabular und seine Verwendung." PhD thesis. Eberhard Karls Universität Tübingen.

Maaten, Laurens van der and Geoffrey Hinton (2008). "Visualizing Data Using t-SNE." In: *Journal of Machine Learning Research* 9, 2579–2605. Online: <https://www.jmlr.org/papers/volume9/vandermaaten08a/vandermaaten08a.pdf> (accessed 17 October 2024).

Madhu, Prathmesh, Tilman Marquart, Ronak Kosti, Peter Bell, Andreas K. Maier, and Vincent Christlein (2020). "Understanding Compositional Structures in Art Historical Images Using Pose and Gaze Priors: Towards Scene Understanding in Digital Art History." In: *Computer Vision – ECCV 2020 Workshops*. Ed. by Adrien Bartoli and Andrea Fusiello. Vol. 12536. Lecture Notes in Computer Science. Cham: Springer, 109–125. Online: <https://doi.org/10.1007/978-3-030-66096-3_9>.

Madhu, Prathmesh, Angel Villar-Corrales, Ronak Kosti, Torsten Bendschus, Corinna Reinhardt, Peter Bell, Andreas K. Maier, and Vincent Christlein (2023). "Enhancing Human Pose Estimation in Ancient Vase Paintings via Perceptually-grounded Style Transfer Learning." In: *Journal on Computing and Cultural Heritage* 16.1, 1–17. Online: <https://doi.org/10.1145/3569089>.

Malkov, Yury A. and Dmitry A. Yashunin (2020). "Efficient and Robust Approximate Nearest Neighbor Search Using Hierarchical Navigable Small World Graphs." In: *IEEE Transactions on Pattern Analysis and Machine Intelligence* 42.4, 824–836. Online: <https://doi.org/10.1109/TPAMI.2018.2889473>.

Mao, Hui, Ming Cheung, and James She (2017). "DeepArt: Learning Joint Representations of Visual Arts." In: *MM '17: The 25th ACM International Conference on Multimedia*. Ed. by Qiong Liu, Rainer Lienhart, Haohong Wang, Sheng-Wei "Kuan-Ta" Chen, Susanne Boll, Yi-Ping Phoebe Chen, Gerald Friedland, Jia Li, and Shuicheng Yan. New York: ACM, 1183–1191. Online: <https://doi.org/10.1145/3123266.3123405>.

Mao, Weian, Yongtao Ge, Chunhua Shen, Zhi Tian, Xinlong Wang, Zhibin Wang, and Anton van den Hengel (2022). "Poseur: Direct Human Pose Regression with Transformers." In: *Computer Vision – ECCV 2022*. Ed. by Shai Avidan, Gabriel J. Brostow, Moustapha Cissé, Giovanni Maria Farinella, and Tal Hassner. Vol. 13666. Lecture Notes in Computer Science. Cham: Springer, 72–88. Online: <https://doi.org/10.1007/978-3-031-20068-7_5>.

Marey, Étienne-Jules (1883). “Emploi des photographies partielles pour etudier la locomotion de l’homme et des animaux.” In: *Comptes rendus des séances de l’Académie des sciences* 96.

—. (1885). “Développement de la méthode graphique par l’emploi de la photographie.” In: *La méthode graphique dans les sciences expérimentales et principalement en physiologie et en médecine*.

—. (1899). *La chronophotographie*. Paris: Gauthier-Villars.

Marr, David (1976). “Early Processing of Visual Information.” In: *Philosophical Transactions of the Royal Society of London*. Vol. 275. Series B, Biological Sciences 942, 483–524. Online: <https://doi.org/10.1098/rstb.1976.0090>.

Marr, David and H. Keith Nishihara (1978). “Representation and Recognition of the Spatial Organization of Three-dimensional Shapes.” In: *Proceedings of the Royal Society of London*. Vol. 200. Series B, Biological Sciences 1140, 269–294. Online: <https://doi.org/10.1098/rspb.1978.0020>.

Marsocci, Valerio and Lorenzo Lastilla (2021). “POSE-ID-on: A Novel Framework for Artwork Pose Clustering.” In: *ISPRS International Journal of Geo-Information* 10.4. Online: <https://doi.org/10.3390/ijgi10040257>.

Martin, Rudolf (1914). *Lehrbuch der Anthropologie in systematischer Darstellung. Mit besonderer Berücksichtigung der anthropologischen Methoden*. Jena: Gustav Fischer.

—. (1925). Anthropometrie. Anleitung zu Selbständigen Anthropologischen Erhebungen und Deren Statistische Verarbeitung. Berlin/Heidelberg: Springer.

Mather, George and Linda Murdoch (1994). “Gender Discrimination in Biological Motion Displays Based on Dynamic Cues.” In: *Proceedings of the Royal Society of London*. Vol. 258. Series B, Biological Sciences 1353, 273–279. Online: <https://doi.org/10.1098/rspb.1994.0173>.

Mazzoldi, Alberto, Danilo De Rossi, Federico Lorussi, Enzo Pasquale Scilingo, and Rita Paradiso (2002). “Smart Textiles for Wearable Motion Capture Systems.” In: *AUTEX Research Journal* 2.4.

McCarren, Felicia M. (2003). *Dancing Machines: Choreographies of the Age of Mechanical Reproduction*. Stanford: Stanford University Press.

McInnes, Leland, John Healy, Nathaniel Saul, and Lukas Großberger (2018). “UMAP: Uniform Manifold Approximation and Projection.” In: *Journal of Open Source Software* 3.29. Online: <https://doi.org/10.21105/joss.00861>.

Mehta, Dushyant, Helge Rhodin, Dan Casas, Pascal Fua, Oleksandr Sotnychenko, Weipeng Xu, and Christian Theobalt (2017). “Monocular 3D Human Pose Estimation in the Wild Using Improved CNN Supervision.” In: *International Conference on 3D Vision, 3DV 2017*. IEEE, 506–516. Online: <https://doi.org/10.1109/3DV.2017.00064>.

Mehta, Dushyant, Oleksandr Sotnychenko, Franziska Mueller, Weipeng Xu, Mohamed Elgharib, Pascal Fua, Hans-Peter Seidel, Helge Rhodin, Gerard Pons-Moll, and Christian Theobalt (2020). “XNect: Real-time Multi-person 3D Motion Capture with a Single RGB Camera.” In: *ACM Transactions on Graphics* 39.4. Online: <https://doi.org/10.1145/3386569.3392410>.

Mensink, Thomas and Jan C. van Gemert (2014). “The Rijksmuseum Challenge: Museum-centered Visual Recognition.” In: *International Conference on Multimedia Retrieval, ICMR 2014*. Ed. by Mohan S. Kankanhalli, Stefan M. Rüger, R. Manmatha, Joemon M. Jose, and Keith van Rijsbergen. New York: ACM, 451–454. Online: <https://doi.org/10.1145/2578726.2578791>.

Merback, Mitchell B. (2001). *The Thief, the Cross and the Wheel: Pain and the Spectacle of Punishment in Medieval and Renaissance Europe*. London: Reaktion Books.

Meyer, Silke (2003). *Die Ikonographie der Nation. Nationalstereotype in der englischen Druckgraphik des 18. Jahrhunderts*. Münster: Waxmann.

Milani, Federico and Piero Fraternali (2021). “A Dataset and a Convolutional Model for Iconography Classification in Paintings.” In: *Journal on Computing and Cultural Heritage* 14.4. Online: <https://doi.org/10.1145/3458885>.

MOHAMMAD, Saif M. and Svetlana Kiritchenko (2018). "WikiArt Emotions: An Annotated Dataset of Emotions Evoked by Art." In: *Proceedings of the 11th International Conference on Language Resources and Evaluation, LREC 2018*. Ed. by Nicoletta Calzolari, Khalid Choukri, Christopher Cieri, Thierry Declerck, Sara Goggi, Kôiti Hasida, Hitoshi Isahara, Bente Maegaard, Joseph Mariani, Hélène Mazo, Asunción Moreno, Jan Odijk, Stelios Piperidis, and Takenobu Tokunaga. Miyazaki: ELRA, 1225–1238. Online: <http://www.lrec-conf.org/proceedings/lrec2018/summaries/966.html> (accessed 17 October 2024).

MORI, Greg, Caroline Pantofaru, Nisarg Kothari, Thomas Leung, George Toderici, Alexander Toshev, and Weilong Yang (2015). *Pose Embeddings: A Deep Architecture for Learning to Match Human Poses*. arXiv: 1507.00302.

MORRIS, Desmond (2019). *Postures: Body Language in Art*. London: Thames & Hudson.

MÜLLER, Meinard, Tido Röder, and Michael Clausen (2005). "Efficient Content-based Retrieval of Motion Capture Data." In: *ACM Transations on Graphics* 24.3, 677–685. Online: <https://doi.org/10.1145/1073204.1073247>.

MUNEA, Tewodros Legesse, Yalew Zelalem Jembre, Halefom Tekle Weldegebriel, Longbiao Chen, Chenxi Huang, and Chenhui Yang (2020). "The Progress of Human Pose Estimation: A Survey and Taxonomy of Models Applied in 2D Human Pose Estimation." In: *IEEE Access* 8, 133330–133348. Online: <https://doi.org/10.1109/ACCESS.2020.3010248>.

MÄNTELE, Martin Franz (2010). "Die Gesten im malerischen und zeichnerischen Werk Raffaels." PhD thesis. Eberhard Karls Universität Tübingen.

NADEEM, Amir, Ahmad Jalal, and Kibum Kim (2021). "Automatic Human Posture Estimation for Sport Activity Recognition with Robust Body Parts Detection and Entropy Markov Model." In: *Multimedia Tools and Applications* 80.14, 21465–21498. Online: <https://doi.org/10.1007/s11042-021-10687-5>.

NEWELL, Alejandro, Zhiao Huang, and Jia Deng (2017). "Associative Embedding: End-to-end Learning for Joint Detection and Grouping." In: *Advances in Neural Information Processing Systems 30, Annual Conference on Neural Information Processing Systems 2017*. Ed. by Isabelle

Guyon, Ulrike von Luxburg, Samy Bengio, Hanna M. Wallach, Rob Fergus, S. V. N. Vishwanathan, and Roman Garnett, 2277–2287. Online: <https://proceedings.neurips.cc/paper/2017/hash/8edd72158ccd2a879f79cb2538568fdc-Abstract.html> (accessed 17 October 2024).

Offert, Fabian and Peter Bell (2024). "imgs.ai: A Multimodal Search Engine for Digital Art History." In: *International Journal for Digital Art History* 9, 5.28–5.39. Online: <https://doi.org/10.11588/dahj.2023.9.91295>.

Oh, Seong Joon, Kevin P. Murphy, Jiyan Pan, Joseph Roth, Florian Schroff, and Andrew C. Gallagher (2019). "Modeling Uncertainty with Hedged Instance Embeddings." In: *International Conference on Learning Representations, ICLR 2019*.

Ohm, Tillmann, Mar Canet Solà, Andres Karjus, and Maximilian Schich (2023). "Collection Space Navigator: An Interactive Visualization Interface for Multidimensional Datasets." In: *International Symposium on Visual Information Communication and Interaction, VINCI 2023*. Online: <https://doi.org/10.1145/3615522.3615546>.

Oram, M. W. and D. I. Perrett (1994). "Responses of Anterior Superior Temporal Polysensory (STPa) Neurons to 'Biological Motion' Stimuli." In: *Journal of Cognitive Neuroscience* 6.2, 99–116. Online: <https://doi.org/10.1162/jocn.1994.6.2.99>.

Pang, Jiangmiao, Kai Chen, Qi Li, Zhihai Xu, Huajun Feng, Jianping Shi, Wanli Ouyang, and Dahua Lin (2021). "Towards Balanced Learning for Instance Recognition." In: *International Journal of Computer Vision* 129.5, 1376–1393. Online: <https://doi.org/10.1007/s11263-021-01434-2>.

Papandreou, George, Tyler Zhu, Liang-Chieh Chen, Spyros Gidaris, Jonathan Tompson, and Kevin Murphy (2018). "PersonLab: Person Pose Estimation and Instance Segmentation with a Bottom-up, Part-based, Geometric Embedding Model." In: *Computer Vision – ECCV 2018*. Ed. by Vittorio Ferrari, Martial Hebert, Cristian Sminchisescu, and Yair Weiss. Vol. 11218. Lecture Notes in Computer Science. Cham: Springer, 282–299. Online: <https://doi.org/10.1007/978-3-030-01264-9_17>.

Parameswaran, Vasu and Rama Chellappa (2004). "View Independent Human Body Pose Estimation from a Single Perspective Image." In:

IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2004. New York: IEEE, 16–22. Online: <https://doi.org/10.1109/CVPR.2004.264>.

Pavllo, Dario, David Grangier, and Michael Auli (2018). “QuaterNet: A Quaternion-based Recurrent Model for Human Motion.” In: *British Machine Vision Conference 2018, BMVC 2018*. BMVA Press. Online: <http://bmvc2018.org/contents/papers/0675.pdf> (accessed 17 October 2024).

Peale, Rembrandt (1835). *Graphics: A Manual of Drawing and Writing for the Use of Schools and Families*. Philadelphia, PA: J. Whetham.

Pehlivan, Selen and Pinar Duygulu (2011). “A New Pose-based Representation for Recognizing Actions from Multiple Cameras.” In: *Computer Vision and Image Understanding* 115.2, 140–151. Online: <https://doi.org/10.1016/j.cviu.2010.11.004>.

Peng, Kunyu, Alina Roitberg, Kailun Yang, Jiaming Zhang, and Rainer Stiefelhagen (2023). “Delving Deep into One-shot Skeleton-based Action Recognition with Diverse Occlusions.” In: *IEEE Transactions on Multimedia* 25, 1489–1504. Online: <https://doi.org/10.1109/TMM.2023.3235300>.

Pfisterer, Ulrich, ed. (2009). *Theoria Artis Pictoriae, Das ist: Reiß-Buch / Bestehend in kunstrichtiger / leichter und der Naturgemässer Anweisung zu der Mahlerey*. Vol. 36. FONTES. Text- und Bildquellen zur Kunstgeschichte 1350–1750. Online: <https://doi.org/10.11588/artdok.00000787>.

Pieper, Jan (2018). “Leonardo da Vincis Homo ad Quadratum et ad Circulum. Antik-römische Maße und dezimaler Maßstab in Leonardos architektonischer Deutung der vitruvianischen Proportionsfigur.” In: *In situ. Zeitschrift für Architekturgeschichte* 10.2, 243–258.

Pishchulin, Leonid, Eldar Insafutdinov, Siyu Tang, Bjoern Andres, Mykhaylo Andriluka, Peter V. Gehler, and Bernt Schiele (2016). “DeepCut: Joint Subset Partition and Labeling for Multi Person Pose Estimation.” In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2016*. New York: IEEE, 4929–4937. Online: <https://doi.org/10.1109/CVPR.2016.533>.

Posthumus, Etienne (2020). *Iconclass AI Test Set*. Online: <https://iconclass.org/testset/> (accessed 17 October 2024).

Preissler, Johann Daniel (1740). *Die durch Theorie erfundene Practic, oder Gründlich-verfasste Reguln, deren man sich als einer Anleitung zu berühmter Künstlere Zeichen-Wercken bestens bedienen kan*. Nuremberg.

Puce, Aina and David Perrett (2003). “Electrophysiology and Brain Imaging of Biological Motion.” In: *Philosophical Transactions of the Royal Society of London*. Vol. 358. Series B, Biological Sciences 1431, 435–445. Online: <https://doi.org/10.1098/rstb.2002.1221>.

Ramanan, Deva (2006). “Learning to Parse Images of Articulated Bodies.” In: *Advances in Neural Information Processing Systems 19, Annual Conference on Neural Information Processing Systems, NeurIPS 2006*. Ed. by Bernhard Schölkopf, John C. Platt, and Thomas Hofmann. Cambridge, MA: MIT Press, 1129–1136.

Rathgeber, Pirkko (2011). “Struktur- und Umrissmodelle als schematische Bilder der Bewegung.” In: *Rheinsprung 11. Zeitschrift für Bildkritik* 2, 130–164.

—. (2019). *Bewegungsfiguren. Über die Bewegung der Strichfigur in der Zeichnung und ihre Bedeutung für den Zeichentrickfilm*. Paderborn: Wilhelm Fink.

Reichle, Ingeborg, Steffen Siegel, and Achim Spelten (2008). “Die Wirklichkeit visueller Modelle.” In: *Visuelle Modelle*. Ed. by Ingeborg Reichle, Steffen Siegel, and Achim Spelten. Munich: Wilhelm Fink, 9–16.

Ren, Shaoqing, Kaiming He, Ross Girshick, and Jian Sun (2017). “Faster R-CNN: Towards Real-time Object Detection with Region Proposal Networks.” In: *IEEE Transactions on Pattern Analysis and Machine Intelligence* 39.6, 1137–1149. Online: <https://doi.org/10.1109/TPAMI.2016.2577031>.

Ren, Shaoqing, Kaiming He, Ross B. Girshick, and Jian Sun (2015). “Faster R-CNN: Towards Real-time Object Detection with Region Proposal Networks.” In: *Advances in Neural Information Processing Systems 28, Annual Conference on Neural Information Processing Systems 2015*. Ed. by Corinna Cortes, Neil D. Lawrence, Daniel D. Lee, Masashi Sugiyama, and Roman Garnett, 91–99.

Ren, Xuanchi, Haoran Li, Zijian Huang, and Qifeng Chen (2020). “Self-supervised Dance Video Synthesis Conditioned on Music.” In: *MM ’20: The 28th ACM International Conference on Multimedia*. Ed. by Chang Wen Chen, Rita Cucchiara, Xian-Sheng Hua, Guo-Jun Qi, Elisa Ricci, Zhengyou Zhang, and Roger Zimmermann. New York: ACM, 46–54. Online: <https://doi.org/10.1145/3394171.3413932>.

Reshetnikov, Artem, Maria-Cristina Marinescu, and Joaquim More Lopez (2022). *DEArt: Dataset of European Art*. arXiv: 2211.01226.

Rezatofighi, Hamid, Nathan Tsoi, JunYoung Gwak, Amir Sadeghian, Ian D. Reid, and Silvio Savarese (2019). “Generalized Intersection Over Union: A Metric and a Loss for Bounding Box Regression.” In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2019*. New York: IEEE, 658–666. Online: <https://doi.org/10.1109/CVPR.2019.00075>.

Rhodin, Helge, Mathieu Salzmann, and Pascal Fua (2018). “Unsupervised Geometry-aware Representation for 3D Human Pose Estimation.” In: *Computer Vision – ECCV 2018 – 15th European Conference*. Ed. by Vittorio Ferrari, Martial Hebert, Cristian Sminchisescu, and Yair Weiss. Vol. 11214. Lecture Notes in Computer Science. Cham: Springer, 765–782. Online: <https://doi.org/10.1007/978-3-030-01249-6_46>.

Richer, Paul (1893). *Canon des proportions du corps humain*. Paris: Ch. Delagrave. Online: <https://gallica.bnf.fr/ark:/12148/bpt6k83040k>.

Rohr, Karl (1993). “Incremental Recognition of Pedestrians from Image Sequences.” In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 1993*. IEEE, 8–13. Online: <https://doi.org/10.1109/CVPR.1993.341008>.

Ronfard, Rémi, Cordelia Schmid, and Bill Triggs (2002). “Learning to Parse Pictures of People.” In: *Computer Vision – ECCV 2002 – 7th European Conference on Computer Vision*. Ed. by Anders Heyden, Gunnar Sparr, Mads Nielsen, and Peter Johansen. Vol. 2353. Lecture Notes in Computer Science. Springer, 700–714. Online: <https://doi.org/10.1007/3-540-47979-1_47>.

Ross, Don (1991). “Hume, Resemblance and the Foundations of Psychology.” In: *History of Philosophy Quarterly* 8.4, 343–356.

ROULLIET, Amaranthe (1857). *Principles de dessin. Divisions de la tête et de la figure académique, suivies de quelques notions de perspective. Pour servir de complément au procédé du même auteur, acquis et publié par le Gouvernement en 1844*. Paris.

RUESCH, Jürgen and Weldon Kees (1956). *Nonverbal Communication: Notes on the Visual Perception of Human Relations*. Berkeley, CA: University of California Press.

RUPPRICH, Hans, ed. (1966). *Die Anfänge der theoretischen Studien / Das Lehrbuch der Malerei. Von der Maß der Menschen, der Pferde, der Gebäude; Von der Perspektive; Von Farben / Ein Unterricht alle Maß zu ändern*. Vol. 2. Dürer. Schriftlicher Nachlass. Berlin: Deutscher Verein für Kunstwissenschaft.

SAPP, Benjamin and Ben Taskar (2013). "MODEC: Multimodal Decomposable Models for Human Pose Estimation." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2013*. New York: IEEE, 3674–3681. Online: <https://doi.org/10.1109/CVPR.2013.471>.

SAXL, Fritz (2012). *Gebärde, Form, Ausdruck. Zwei Untersuchungen*. Zürich: Diaphanes.

SCHLEMMER, Oskar (1915). *Tagebuch*.

—. (1925). "Mensch und Kunstfigur." In: *Die Bühne im Bauhaus*. Munich: Albert Langen, 7–43.

—. (1928). "Unterrichtsgebiete." In: *Bauhaus. Zeitschrift für Gestaltung* 2.2/3, 22–23.

—. (1962). "Abstraktion im Tanz." In: *Oskar Schlemmer und die abstrakte Bühne. Die Neue Sammlung München. 20. November 1961 bis 8. Januar 1962*.

—. (1996). "Man and Art Figure." In: *The Theater of the Bauhaus*. Ed. by Walter Gropius and Arthur S. Wensinger. Trans. by Arthur S. Wensinger. Baltimore: Johns Hopkins University Press, 17–48.

SCHMIDT, Peter (1992). *Die grosse Schlacht. Ein Historienbild aus der Frühzeit des Kupferstichs*. Wiesbaden: O. Harrassowitz.

SCHMITT, Jean-Claude (1992). *Die Logik der Gesten im europäischen Mittelalter*. Stuttgart: Klett-Cotta.

SCHOELL-GLASS, Charlotte (2001). "'Serious Issues': The Last Plates of Warburg's Picture Atlas Mnemosyne." In: *Art History as Cultural History. Warburg's Projects*. Ed. by Richard Woodfield. Amsterdam: G+B Arts International, 183–208.

SCHÖN, Erhard (1542). *Vnnderweisung der proportzin vnnd stellung der possen*. Nuremberg: Stadtbibliothek Nürnberg.

—. (1920). *Unterweisung der Proportion und Stellung der Possen*. Frankfurt am Main.

SCHÖPS, Doris (2012). "Semantik und Pragmatik von Körperhaltungen im Spielfilm." In: *IMAGE. Zeitschrift für interdisziplinäre Bildwissenschaft* 8.2, 5–33. Online: <https://doi.org/10.25969/mediarep/16553>.

SEARLE, John R. (1981). "Metaphor." In: *Philosophical Perspectives on Metaphor*. Ed. by Mark Johnson. Minneapolis, MN: University of Minnesota Press, 248–285.

SEGUIN, Benoit, Carlotta Striolo, Isabella diLenardo, and Frédéric Kaplan (2016). "Visual Link Retrieval in a Database of Paintings." In: *Computer Vision – ECCV 2016 Workshops*. Ed. by Gang Hua and Hervé Jégou. Vol. 9913. Lecture Notes in Computer Science. Cham: Springer, 753–767. Online: <https://doi.org/10.1007/978-3-319-46604-0_52>.

SHEN, Xi, Alexei A. Efros, and Mathieu Aubry (2019). "Discovering Visual Patterns in Art Collections with Spatially-consistent Feature Learning." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2019*. New York: IEEE, 9278–9287. Online: <https://doi.org/10.1109/CVPR.2019.00950>.

SHENG, Shurong and Marie-Francine Moens (2019). "Generating Captions for Images of Ancient Artworks." In: *MM '19: The 27th ACM International Conference on Multimedia*. Ed. by Laurent Amsaleg, Benoit Huet, Martha A. Larson, Guillaume Gravier, Hayley Hung, Chong-Wah Ngo, and Wei Tsang Ooi. New York: ACM, 2478–2486. Online: <https://doi.org/10.1145/3343031.3350972>.

SHI, Min, Zihao Huang, Xianzheng Ma, Xiaowei Hu, and Zhiguo Cao (2023). "Matching is Not Enough: A Two-stage Framework for Category-agnostic Pose Estimation." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2023*. New York: IEEE, 7308–7317. Online: <https://doi.org/10.1109/CVPR52729.2023.00706>.

SHI, Mingyi, Kfir Aberman, Andreas Aristidou, Taku Komura, Dani Lischinski, Daniel Cohen-Or, and Baoquan Chen (2021). "MotioNet: 3D Human Motion Reconstruction from Monocular Video with Skeleton Consistency." In: *ACM Transactions on Graphics* 40.1, 1:1–1:15. Online: <https://doi.org/10.1145/3407659>.

SHIMADA, Soshi, Vladislav Golyanik, Weipeng Xu, and Christian Theobalt (2020). "PhysCap: Physically Plausible Monocular 3D Motion Capture in Real Time." In: *ACM Transactions on Graphics* 39.6, 235:1–235:16. Online: <https://doi.org/10.1145/3414685.3417877>.

SI, Chenyang, Wentao Chen, Wei Wang, Liang Wang, and Tieniu Tan (2019). "An Attention Enhanced Graph Convolutional LSTM Network for Skeleton-based Action Recognition." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2019*. New York: IEEE, 1227–1236. Online: <https://doi.org/10.1109/CVPR.2019.00132>.

SINGH, Roshan, Alok Kumar Singh Kushwaha, and Rajeev Srivastava (2019). "Multi-view Recognition System for Human Activity Based on Multiple Features for Video Surveillance System." In: *Multimedia Tools and Applications* 78.12, 17165–17196. Online: <https://doi.org/10.1007/s11042-018-7108-9>.

SITTL, Carl (1890). *Die Gebärden der Griechen und Römer*. Leipzig: B. G. Teubner.

SMEULDERS, Arnold W. M., Marcel Worring, Simone Santini, Amarnath Gupta, and Ramesh C. Jain (2000). "Content-based Image Retrieval at the End of the Early Years." In: *IEEE Transactions on Pattern Analysis and Machine Intelligence* 22.12, 1349–1380. Online: <https://doi.org/10.1109/34.895972>.

SO, Clifford Kwok-Fung and George Baciu (2005). "Entropy-based Motion Extraction for Motion Capture Animation." In: *Computer Animation and Virtual Worlds* 16.3–4, 225–235. Online: <https://doi.org/10.1002/cav.107>.

SOHN, Kihyuk, David Berthelot, Nicholas Carlini, Zizhao Zhang, Han Zhang, Colin Raffel, Ekin Dogus Cubuk, Alexey Kurakin, and Chun-

Liang Li (2020). "FixMatch: Simplifying Semi-supervised Learning with Consistency and Confidence." In: *Advances in Neural Information Processing Systems 33, Annual Conference on Neural Information Processing Systems 2020, NeurIPS 2020*. Ed. by Hugo Larochelle, Marc'Aurelio Ranzato, Raia Hadsell, Maria-Florina Balcan, and Hsuan-Tien Lin.

Speich, Klaus (1957). "Die Proportionslehre des menschlichen Körpers. Antike, Mittelalter, Renaissance." PhD thesis. Universität Zürich.

Stefanini, Matteo, Marcella Cornia, Lorenzo Baraldi, Massimiliano Corsini, and Rita Cucchiara (2019). "Artpedia: A New Visual-Semantic Dataset with Visual and Contextual Sentences in the Artistic Domain." In: *Image Analysis and Processing – ICIAP 2019 – 20th International Conference*. Ed. by Elisa Ricci, Samuel Rota Bulò, Cees Snoek, Oswald Lanz, Stefano Messelodi, and Nicu Sebe. Vol. 11752. Lecture Notes in Computer Science. Cham: Springer, 729–740. Online: <https://doi.org/10.1007/978-3-030-30645-8_66>.

Steinberg, Leo (2018). *Michelangelo's Sculpture: Selected Essays*. Ed. by Sheila Schwartz. Chicago: University of Chicago Press.

Stillman, Jacob Davis Babcock and Eadweard Muybridge (1882). *The Horse in Motion as Shown by Instantaneous Photography, with a Study on Animal Mechanics Founded on Anatomy and the Revelations of the Camera, in Which is Demonstrated the Theory of Quadrupedal Locomotion*. Boston: James R. Osgood and Company.

Stratz, Carl Heinrich (1904). *Naturgeschichte des Menschen. Grundriss der somatischen Anthropologie*. Stuttgart: Enke.

Strezoski, Gjorgji and Marcel Worring (2018). "OmniArt: A Large-scale Artistic Benchmark." In: *ACM Transactions on Multimedia Computing, Communications, and Applications* 14.4, 88:1–88:21. Online: <https://doi.org/10.1145/3273022>.

Sümer, Ömer, Tobias Dencker, and Björn Ommer (2017). "Self-supervised Learning of Pose Embeddings from Spatiotemporal Relations in Videos." In: *IEEE International Conference on Computer Vision, ICCV 2017*. New York: IEEE, 4308–4317. Online: <https://doi.org/10.1109/ICCV.2017.461>.

Sun, Jennifer J., Jiaping Zhao, Liang-Chieh Chen, Florian Schroff, Hartwig Adam, and Ting Liu (2020). "View-invariant Probabilistic Embedding for Human Pose." In: *Computer Vision – ECCV 2020 – 16th European Conference*. Ed. by Andrea Vedaldi, Horst Bischof, Thomas Brox, and Jan-Michael Frahm. Vol. 12350. Lecture Notes in Computer Science. Cham: Springer, 53–70. Online: <https://doi.org/10.1007/978-3-030-58558-7_4>.

Sun, Ke, Bin Xiao, Dong Liu, and Jingdong Wang (2019). "Deep High-resolution Representation Learning for Human Pose Estimation." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2019*. New York: IEEE, 5693–5703. Online: <https://doi.org/10.1109/CVPR.2019.00584>.

Sun, Zehua, Qiuhong Ke, Hossein Rahmani, Mohammed Ben- namoun, Gang Wang, and Jun Liu (2023). "Human Action Recognition from Various Data Modalities: A Review." In: *IEEE Transactions on Pattern Analysis and Machine Intelligence* 45.3, 3200–3225. Online: <https://doi.org/10.1109/TPAMI.2022.3183112>.

Superville, Humbert de and David Pierre Giottino (1827). *Essai sur les signes inconditionnels dans l'art*. Leiden: C. C. van der Hoek.

Tarvainen, Antti and Harri Valpola (2017). "Mean Teachers are Better Role Models: Weight-averaged Consistency Targets Improve Semi-supervised Deep Learning Results." In: *5th International Conference on Learning Representations, ICLR 2017*.

Teepe, Torben, Johannes Gilg, Fabian Herzog, Stefan Hörmann, and Gerhard Rigoll (2022). "Towards a Deeper Understanding of Skeleton-based Gait Recognition." In: *IEEE Conference on Computer Vision and Pattern Recognition Workshops, CVPR Workshops 2022*. New York: IEEE, 1568–1576. Online: <https://doi.org/10.1109/CVPRW56347.2022.00163>.

Thornton, Ian M. (2006). "Biological Motion: Point-light Walkers and Beyond." In: *Human Body Perception from the Inside Out. Advances in Visual Cognition*. Ed. by Gunther Knoblich, Ian M. Thornton, Marc Grosjean, and Maggie Shiffrar. Oxford: Oxford University Press, 271–303.

Tietze-Conrat, Erica (2020). "On Leg Poses in Art History." Trans. by Karl Johns. In: *Journal of Art Historiography* 23. Ed. by Karl Johns. Online: <https://arthistoriography.files.wordpress.com/2020/11/karl-trans-etctikannen-1.pdf> (accessed 17 October 2024).

TIFENTALE, Alise (2023). "Working the Labor-Leisure Machine: Proposal for a Photography Museum Without Images." In: *Riga Technoculture Research Unit, RTRU* 1.1.

TIKKANEN, Johan Jakob (1912). *Die Beinstellungen in der Kunstgeschichte. Ein Beitrag zur Geschichte der künstlerischen Motive*. Helsingfors: Druckerei der finnischen Litteraturgesellschaft.

TOMKINS, Calvin (1996). *Duchamp: A Biography*. New York: Henry Holt.

TOMPSON, Jonathan, Ross Goroshin, Arjun Jain, Yann LeCun, and Christoph Bregler (2015). "Efficient Object Localization Using Convolutional Networks." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2015*. New York: IEEE, 648–656. Online: <https://doi.org/10.1109/CVPR.2015.7298664>.

TROJE, Nikolaus F. (2002). "Decomposing Biological Motion: A Framework for Analysis and Synthesis of Human Gait Patterns." In: *Journal of Vision* 2.2, 371–387. Online: <https://doi.org/10.1167/2.5.2>.

TROJE, Nikolaus F. and Ulrike Aust (2013). "What Do You Mean with 'Direction'? Local and Global Cues to Biological Motion Perception in Pigeons." In: *Vision Research* 79, 47–55. Online: <https://doi.org/10.1016/j.visres.2013.01.002>.

UFER, Nikolai, Max Simon, Sabine Lang, and Björn Ommer (2021). "Large-scale Interactive Retrieval in Art Collections Using Multistyle Feature Aggregation." In: *PLOS ONE* 16.11, 1–38. Online: <https://doi.org/10.1371/journal.pone.0259718>.

ULLMAN, Shimon (1979). "The Interpretation of Structure from Motion." In: *Proceedings of the Royal Society of London*. Vol. 203. Series B, Biological Sciences 1153, 405–426. Online: <https://doi.org/10.1098/rspb.1979.0006>.

ULLRICH, Elke (2009). *Das Laszive der Keuschheit in der europäischen Kunst. Die Frau des Potiphar und Joseph von Ägypten. Eine Kulturgeschichte der versuchten Verführung*. Kassel: Kassel University Press.

URBINO, Carlo (1560–1570). *Codex Huygens (Urbino codex).*

VAN DE WAAL, Henri (1973–1985). *Iconclass: An Iconographic Classification System. Completed and Edited by L. D. Couprie with R. H. Fuchs*. Amsterdam: North-Holland Publishing Company.

VAN STRATEN, Roelof (1994). *Iconography, Indexing, Iconclass: A Handbook*. Leiden: Foleor.

VAN ZUIJLEN, Mitchell J. P., Hubert Lin, Kavita Bala, Sylvia C. Pont, and Maarten W. A. Wijntjes (2021). "Materials In Paintings (MIP): An Interdisciplinary Dataset for Perception, Art History, and Computer Vision." In: *PLOS ONE* 16. Online: <https://doi.org/10.1371/journal.pone.0255109>.

VASWANI, Ashish, Noam Shazeer, Niki Parmar, Jakob Uszkoreit, Llion Jones, Aidan N. Gomez, Lukasz Kaiser, and Illia Polosukhin (2017). "Attention is All You Need." In: *Advances in Neural Information Processing Systems 30, Annual Conference on Neural Information Processing Systems 2017*. Ed. by Isabelle Guyon, Ulrike von Luxburg, Samy Bengio, Hanna M. Wallach, Rob Fergus, S. V. N. Vishwanathan, and Roman Garnett, 5998–6008.

VERMA, Manisha, Sudhakar Kumawat, Yuta Nakashima, and Shanmuganathan Raman (2020). "Yoga-82: A New Dataset for Fine-grained Classification of Human Poses." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR Workshops 2020*. New York: IEEE, 4472–4479. Online: <https://doi.org/10.1109/CVPRW50498.2020.00527>.

VILLEGAS, Ruben, Jimei Yang, Duygu Ceylan, and Honglak Lee (2018). "Neural Kinematic Networks for Unsupervised Motion Retargetting." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2018*. New York: IEEE, 8639–8648. Online: <https://doi.org/10.1109/CVPR.2018.00901>.

VON AMIRA, Karl (1905). *Die Handgebärden in den Bilderhandschriften des Sachsenspiegels*. Vol. 23. Abhandlungen der Bayerischen Akademie der Wissenschaften. Philosophisch-Philologische und Historische Klasse 2. Munich: Franz. Online: <https://publikationen.badw.de/de/007458332> (accessed 17 October 2024).

WANG, Jiaqi, Wenwei Zhang, Yuhang Cao, Kai Chen, Jiangmiao Pang, Tao Gong, Jianping Shi, Chen Change Loy, and Dahua Lin (2020). "Side-aware Boundary Localization for More Precise Object Detection." In: *Computer Vision – ECCV 2020*. Vol. 12349. Lecture Notes in Computer Science. Cham: Springer, 403–419. Online: <https://doi.org/10.1007/978-3-030-58548-8_24>.

Wang, Jingdong, Ke Sun, Tianheng Cheng, Borui Jiang, Chaorui Deng, Yang Zhao, Dong Liu, Yadong Mu, Mingkui Tan, Xinggang Wang, Wenyu Liu, and Bin Xiao (2021a). "Deep High-resolution Representation Learning for Visual Recognition." In: *IEEE Transactions on Pattern Analysis and Machine Intelligence* 43.10, 3349–3364. Online: <https://doi.org/10.1109/TPAMI.2020.2983686>.

Wang, Wenhai, Enze Xie, Xiang Li, Deng-Ping Fan, Kaitao Song, Ding Liang, Tong Lu, Ping Luo, and Ling Shao (2022). "PVT v2: Improved Baselines with Pyramid Vision Transformer." In: *Computational Visual Media* 8.3, 415–424. Online: <https://doi.org/10.1007/S41095-022-0274-8>.

Wang, Yingfan, Haiyang Huang, Cynthia Rudin, and Yaron Shaposhnik (2021b). "Understanding How Dimension Reduction Tools Work: An Empirical Approach to Deciphering t-SNE, UMAP, TriMap, and PaCMAP for Data Visualization." In: *Journal of Machine Learning Research* 22, 201:1–201:73. Online: <http://jmlr.org/papers/v22/20-1061.html> (accessed 17 October 2024).

Warburg, Aby (1998a). "Der Eintritt des antikisierenden Idealstils in die Malerei der Frührenaissance." In: *Die Erneuerung der heidnischen Antike. Kulturwissenschaftliche Beiträge zur Geschichte der europäischen Renaissance. Gesammelte Schriften*. Ed. by Horst Bredekamp and Michael Diers. Berlin: Akademie Verlag, 173–176.

—. (1998b). "Dürer und die italienische Antike." In: *Die Erneuerung der heidnischen Antike. Kulturwissenschaftliche Beiträge zur Geschichte der europäischen Renaissance. Gesammelte Schriften*. Ed. by Horst Bredekamp and Michael Diers. Berlin: Akademie Verlag, 443–449.

—. (2003). *Der Bilderatlas Mnemosyne*. Berlin: Akademie Verlag.

Wellerdiek, Anna C., Markus Leyrer, Ekaterina P. Volkova, Dong-Seon Chang, and Betty J. Mohler (2013). "Recognizing Your Own Motions on Virtual Avatars: Is It Me or Not?" In: *ACM Symposium on Applied Perception 2013, SAP 2013*. Ed. by Ludovic Hoyet, Betsy Williams Sanders, Joe Geigel, and Jeanine K. Stefanucci. New York: ACM. Online: <https://doi.org/10.1145/2492494.2501895>.

Werner, Georg Heinrich (1796). *Gründliche Anweisung zur Zeichenkunst durch die Geometrie. Mit vielen Kupfern*. Göttingen: Joh. Christ. Dan. Schneider.

Westlake, Nicholas, Hongping Cai, and Peter Hall (2016). "Detecting People in Artwork with CNNs." In: *Computer Vision – ECCV 2016 Workshops*. Vol. 9913. Lecture Notes in Computer Science. Cham: Springer, 825–841. Online: <https://doi.org/10.1007/978-3-319-46604-0_57>.

Wilber, Michael J., Chen Fang, Hailin Jin, Aaron Hertzmann, John P. Collomosse, and Serge J. Belongie (2017). "BAM! The Behance Artistic Media Dataset for Recognition Beyond Photography." In: *IEEE/CVF International Conference on Computer Vision, ICCV 2017*. New York: IEEE, 1211–1220. Online: <https://doi.org/10.1109/ICCV.2017.136>.

Willats, John (1997). *Art and Representation: New Principles in the Analysis of Pictures*. Princeton: Princeton University Press.

Xiao, Bin, Haiping Wu, and Yichen Wei (2018). "Simple Baselines for Human Pose Estimation and Tracking." In: *Computer Vision – ECCV 2018*. Ed. by Vittorio Ferrari, Martial Hebert, Cristian Sminchisescu, and Yair Weiss. Vol. 11210. Lecture Notes in Computer Science. Cham: Springer, 472–487. Online: <https://doi.org/10.1007/978-3-030-01231-1_29>.

Xu, Lumin, Sheng Jin, Wang Zeng, Wentao Liu, Chen Qian, Wanli Ouyang, Ping Luo, and Xiaogang Wang (2022). "Pose for Everything: Towards Category-agnostic Pose Estimation." In: *Computer Vision – ECCV 2022 – 17th European Conference*. Ed. by Shai Avidan, Gabriel J. Brostow, Moustapha Cissé, Giovanni Maria Farinella, and Tal Hassner. Vol. 13666. Lecture Notes in Computer Science. Cham: Springer, 398–416. Online: <https://doi.org/10.1007/978-3-031-20068-7_23>.

Xu, Mengde, Zheng Zhang, Han Hu, Jianfeng Wang, Lijuan Wang, Fangyun Wei, Xiang Bai, and Zicheng Liu (2021). "End-to-end Semi-supervised Object Detection with Soft Teacher." In: *IEEE/CVF International Conference on Computer Vision, ICCV 2021*. New York: IEEE, 3040–3049. Online: <https://doi.org/10.1109/ICCV48922.2021.00305>.

Yanulevskaya, Victoria, Jasper R. R. Uijlings, Elia Bruni, Andreza Sartori, Elisa Zamboni, Francesca Bacci, David Melcher, and Nicu Sebe (2012). "In the Eye of the Beholder: Employing Statistical Analysis and

Eye Tracking for Analyzing Abstract Paintings." In: *MM '12: The 20th ACM International Conference on Multimedia*. Ed. by Noboru Babaguchi, Kiyoharu Aizawa, John R. Smith, Shin'ichi Satoh, Thomas Plagemann, Xian-Sheng Hua, and Rong Yan. New York: ACM, 349–358. Online: <https://doi.org/10.1145/2393347.2393399>.

YARLAGADDA, Pradeep, Antonio Monroy, Bernd Carqué, and Björn Ommer (2010). "Recognition and Analysis of Objects in Medieval Images." In: *Computer Vision – ECCV 2010 Workshops*. Ed. by Reinhard Koch and Fay Huang. Vol. 6469. Lecture Notes in Computer Science. Cham: Springer, 296–305. Online: <https://doi.org/10.1007/978-3-642-22819-3_30>.

YPSILANTIS, Nikolaos-Antonios, Noa Garcia, Guangxing Han, Sarah Ibrahimi, Nanne van Noord, and Giorgos Tolias (2021). "The Met Dataset: Instance-level Recognition for Artworks." In: *Proceedings of the Neural Information Processing Systems Track on Datasets and Benchmarks 1, NeurIPS Datasets and Benchmarks 2021*. Ed. by Joaquin Vanschoren and Sai-Kit Yeung. Online: <https://datasets-benchmarks-proceedings.neurips.cc/paper/2021/file/5f93f983524def3dca464469d2cf9f3e-Paper-round2.pdf> (accessed 17 October 2024).

YU, Zhenbo, Junjie Wang, Jingwei Xu, Bingbing Ni, Chenglong Zhao, Minsi Wang, and Wenjun Zhang (2021). "Skeleton2Mesh: Kinematics Prior Injected Unsupervised Human Mesh Recovery." In: *IEEE/CVF International Conference on Computer Vision, ICCV 2021*. New York: IEEE, 8599–8609. Online: <https://doi.org/10.1109/ICCV48922.2021.00850>.

YUAN, Ye, Umar Iqbal, Pavlo Molchanov, Kris Kitani, and Jan Kautz (2022). "GLAMR: Global Occlusion-aware Human Mesh Recovery with Dynamic Cameras." In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2022*. New York: IEEE, 11028–11039. Online: <https://doi.org/10.1109/CVPR52688.2022.01076>.

ZATLIN, Linda Gertner (1997). *Beardsley, Japonisme and the Perversion of the Victorian Ideal*. Cambridge: Cambridge University Press.

ZHANG, Hongbo, Yi-Xiang Zhang, Bineng Zhong, Qing Lei, Lijie Yang, Ji-Xiang Du, and Duan-Sheng Chen (2019a). "A Comprehensive Survey of Vision-based Human Action Recognition Methods." In: *Sensors* 19.5, p. 1005. Online: <https://doi.org/10.3390/s19051005>.

Zhang, Song-Hai, Ruilong Li, Xin Dong, Paul L. Rosin, Zixi Cai, Xi Han, Dingcheng Yang, Haozhi Huang, and Shi-Min Hu (2019b). “Pose2Seg: Detection Free Human Instance Segmentation.” In: *IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2019*. New York: IEEE, 889–898. Online: <https://doi.org/10.1109/CVPR.2019.00098>.

Zhao, Shu, Almila Akdag Salah, and Albert Ali Salah (2022). “Automatic Analysis of Human Body Representations in Western Art.” In: *Computer Vision – ECCV 2022 Workshops*. Ed. by Leonid Karlinsky, Tomer Michaeli, and Ko Nishino. Vol. 13801. Lecture Notes in Computer Science. Cham: Springer, 282–297. Online: <https://doi.org/10.1007/978-3-031-25056-9_19>.

Zhao, Yuguang, Jeroen Stumpel, Huib de Ridder, and Maarten W. A. Wijntjes (2023). “Zooming In on Style: Exploring Style Perception Using Details of Paintings.” In: *International Journal of Computer Vision* 23.2. Online: <https://doi.org/10.1167/jov.23.6.2>.

Zhou, Feng, Fernando De la Torre, and Jessica K. Hodgins (2013). “Hierarchical Aligned Cluster Analysis for Temporal Clustering of Human Motion.” In: *IEEE Transactions on Pattern Analysis and Machine Intelligence* 35.3, 582–596. Online: <https://doi.org/10.1109/TPAMI.2012.137>.

Zhou, Xingyi, Xiao Sun, Wei Zhang, Shuang Liang, and Yichen Wei (2016). “Deep Kinematic Pose Regression.” In: *Computer Vision – ECCV 2016 Workshops*. Ed. by Gang Hua and Hervé Jégou. Vol. 9915. Lecture Notes in Computer Science. Cham: Springer, 186–201. Online: <https://doi.org/10.1007/978-3-319-49409-8_17>.

Ziaeefard, Maryam and Robert Bergevin (2015). “Semantic Human Activity Recognition: A Literature Review.” In: *Pattern Recognition* 48.8, 2329–2345. Online: <https://doi.org/10.1016/j.patcog.2015.03.006>.

Zimmermann, Christian, Tim Welschehold, Christian Dornhege, Wolfram Burgard, and Thomas Brox (2018). “3D Human Pose Estimation in RGBD Images for Robotic Task Learning.” In: *IEEE International Conference on Robotics and Automation, ICRA 2018*. New York: IEEE, 1986–1992. Online: <https://doi.org/10.1109/ICRA.2018.8462833>.

Zimmermann, Michael F. (2011). “Die Sprache der Gesten und der Ursprung der menschlichen Kommunikation. Bildwissenschaftliche Überlegungen im Ausgang von Leonardo.” In: *Aufbrüche. Für Andreas Lob-*

Hüdepohl. Ed. by Heiner Böttger, Gabriele Gien, and Thomas Pittrof. Eichstätt: Academic Press, 178–197.

Zorn, Friedrich Albert (1887). *Grammatik der Tanzkunst. Theoretischer und praktischer Unterricht in der Tanzkunst und Tanzschreibkunst oder Choreographie nebst Atlas mit Zeichnungen und musikalischen Übungs-Beispielen mit choreographischer Bezeichnung und einem besonderen Notenheft für den Musiker*. Leipzig: J.J. Weber.

Zöllner, Frank (2004). “Anthropomorphismus. Das Maß des Menschen in der Architektur von Vitruv bis Le Corbusier.” In: *Ist der Mensch das Maß aller Dinge? Beiträge zur Aktualität des Protagoras*. Ed. by Otto Neumaier. Möhnesee: Bibliopolis, 306–344.