



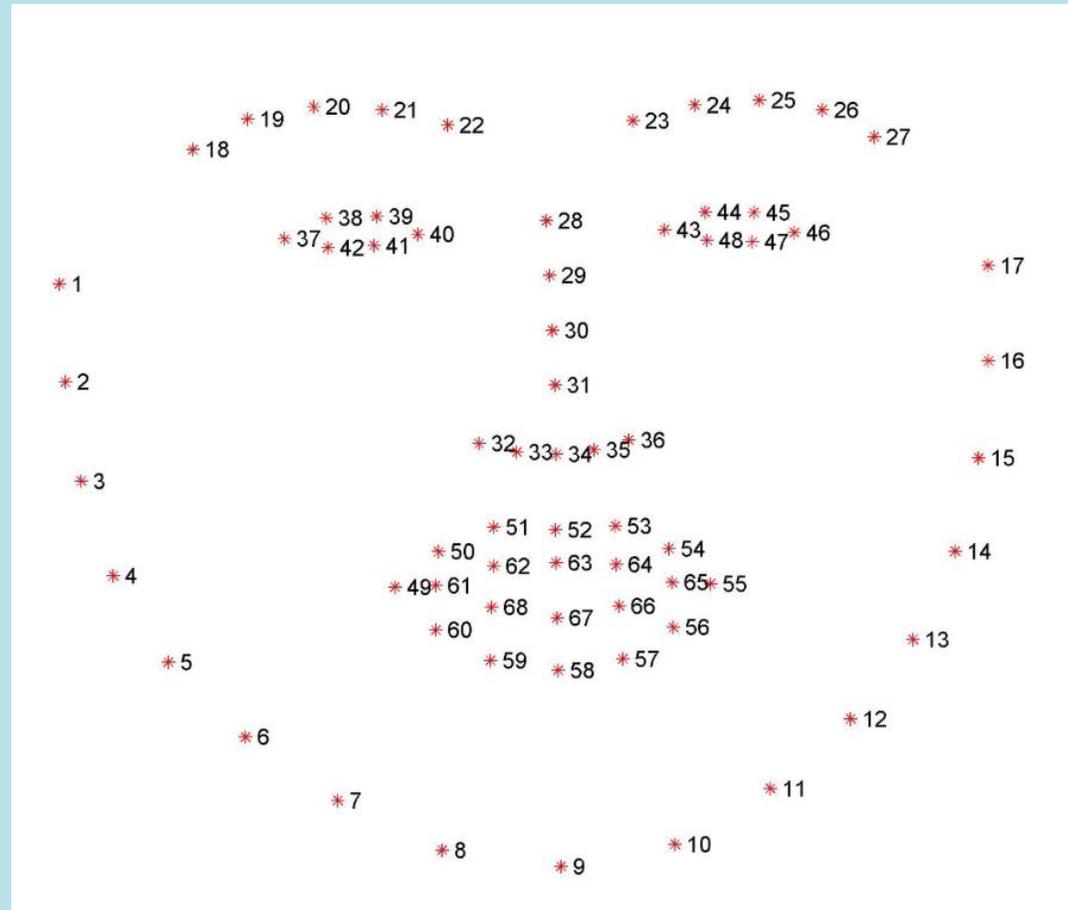
The Face of Art: Landmark Detection and Geometric Style in Portraits

JORDAN YANIV, YAEL NEWMAN, ARIEL SHAMIR

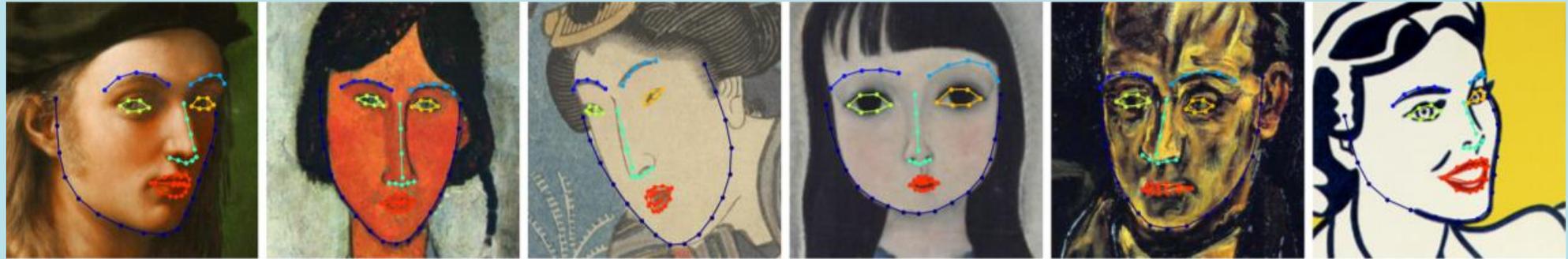
Kristína Bulejová



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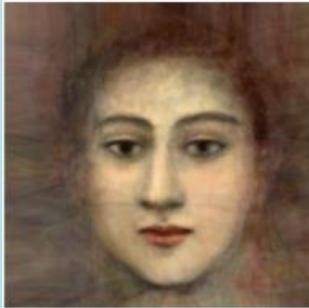




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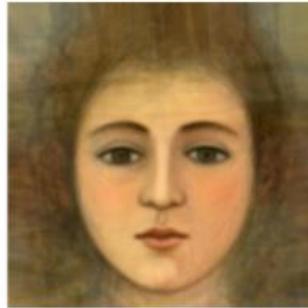
Pablo Picasso



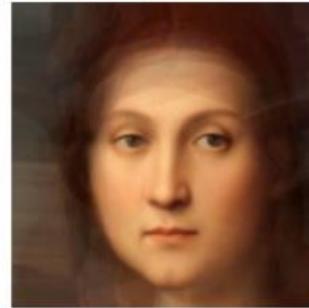
Paul Jacoulet



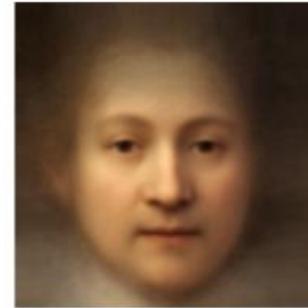
Rafael Zabaleta



Raphael



Rembrandt



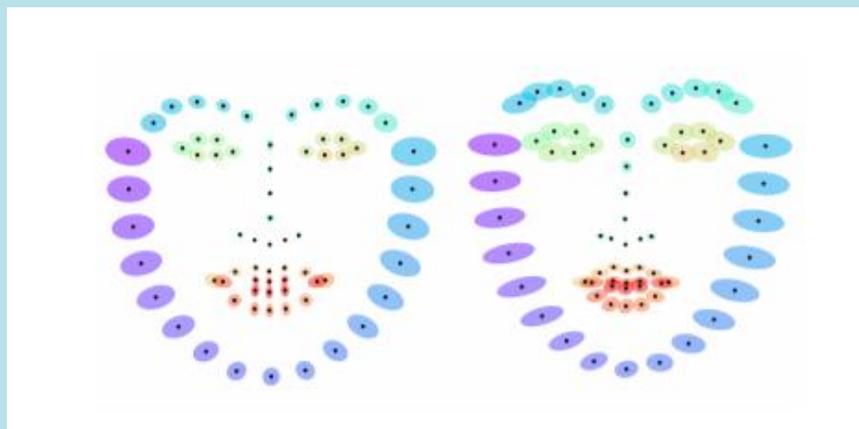


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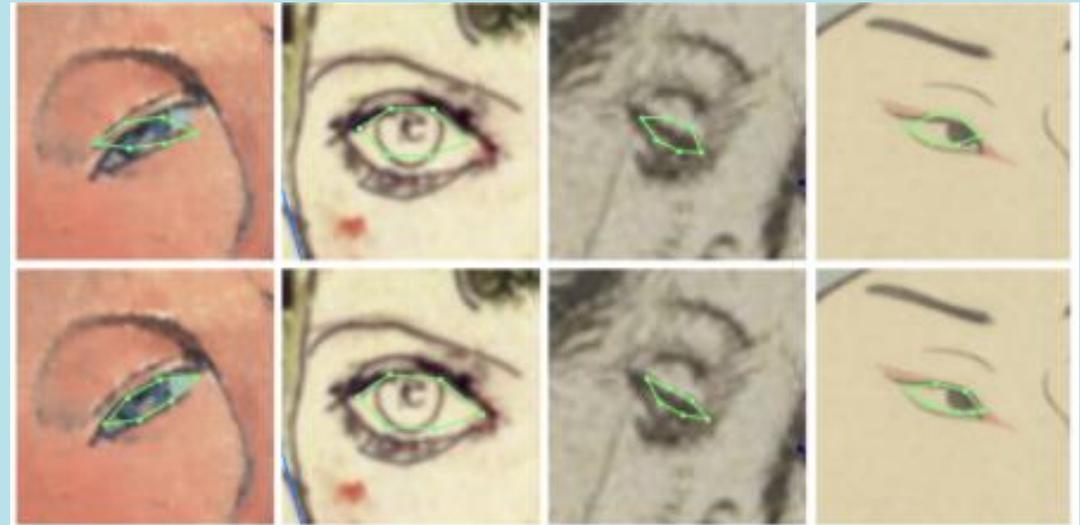


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- ECT(Estimation-Correction-Tuning)- odhad, korekcia, ladenie
- Texture style augmentation, Geometric style augmentation
- $l'_f = F(l_f^*; s_{x_f}, s_{y_f}, t_{x_f}, t_{y_f})$

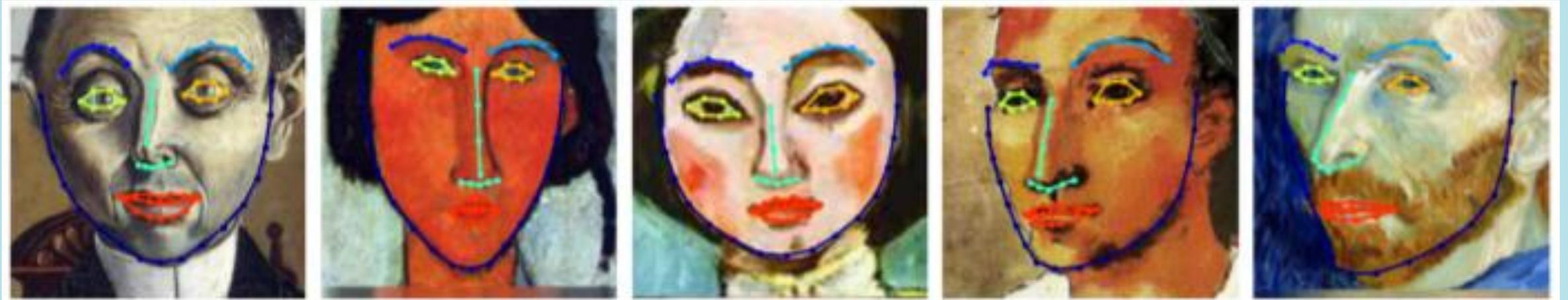
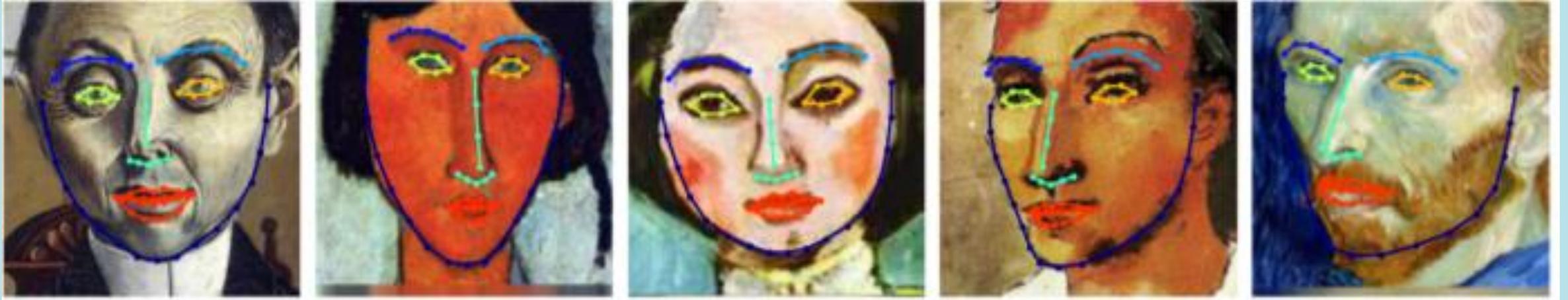


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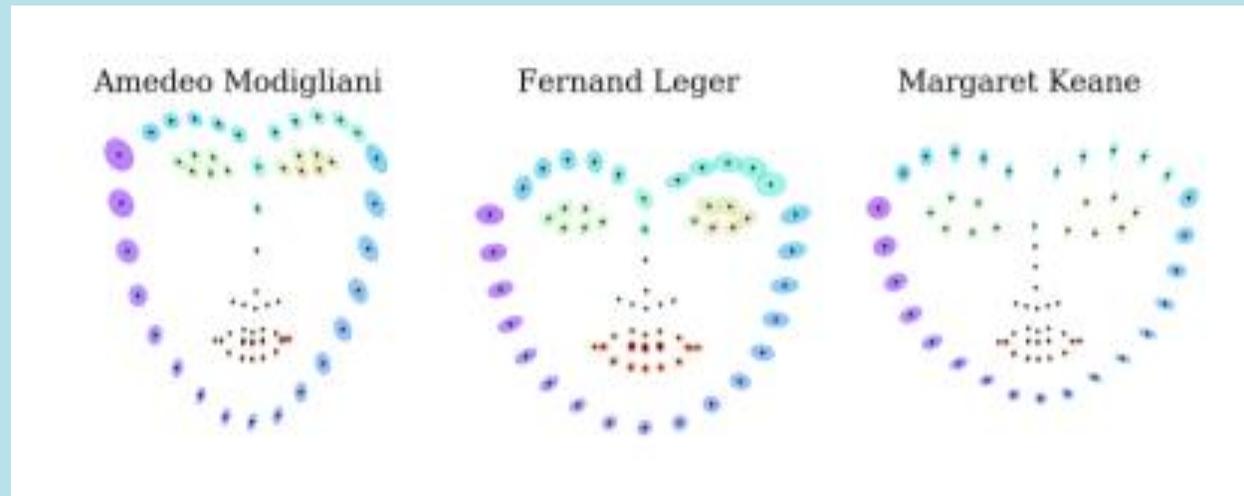
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Method	Common	Challenging	Full
MDM [2016]	4.83	10.14	5.88
SAN [2018]	3.41	7.55	4.24
DAN [2017]	3.19	5.24	3.59
DAN-MENPO [2017]	3.09	4.88	3.44
ECT [2018]	4.66	7.96	5.31
Náš algoritmus	3.29	6.34	3.89

Method	Common-A	Challenging-A	Full-A	Test-A
DAN	16.05	26.26	18.05	18.66
DAN-MENPO	15.74	24.89	17.54	18.32
SAN	9.74	22.65	12.27	14.50
MDM	7.07	17.00	9.01	10.67
ECT	6.26	17.51	8.46	10.52
Náš algoritmus	3.67	10.88	5.08	5.52



The Face of Art: Landmark Detection and Geometric Style in Portraits



The Face of Art: Landmark Detection and Geometric Style in Portraits



Jordan Yaniv



Yael Newman



Ariel Shamir



Ďakujem za pozornosť!

<https://anilkaynr.wordpress.com/2019/10/14/extract-eyes-in-face-images-with-dlib-and-face-landmark-points/>

<http://www.faculty.idc.ac.il/arik/site/foa/face-of-art.asp>