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(57) Abstract :
Our invention a€œBUVT - Face Recognition Bota€• is related to a methods and systems that detect one face in digital image, determine and store area co-ordinates of a location of the detected face in the digital image, apply the transformation, rotation, scaling to the detected face to create a portrait of the detected face. The invention also rotates the portrait until the portrait is shown in a vertical orientation and a pair of eyes of the face shown in the portrait are positioned on a horizontal plane and store the rotated portrait. The Invention also an enhanced interface for voice and video communications, in which generated digital image of a user is recognized from a sequence of camera images, and a user interface is provided include a control and a representation of the user. The process also includes causing the representation to interact with the control based on the recognized digital image, and controlling a telecommunication session based on the interaction. The Invention also a method for sharing a digital image depicting one or more faces is provided, the method characterized by: (a) The associate and linking of computer terminals to a high speed computer network, each computer terminal associated, link with an individual of cloud global services with the digital images, metadata stored and large trained data on each computer terminal and in a cloud-based trained data repository. (b) The enabling the computer terminals to initiate a face recognition routine on the digital image of the face recognition routine producing a list of one or more persons whose faces are depicted in the digital image, at least one of the persons being one of the individuals: The invention is also providing a method of suggesting an identification of an unidentified person in a received digital image, the method performed by at least one computer comprising or interfacing with a database of portraits and associated, link digital images. Each portrait associated with an identified person shown in the respective portrait and the method comprising in accordance with a determination that the received photo comprises and identified person associated with a defined group.

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