

81. OFFENDER IDENTIFICATION USING FORENSIC ANALYSIS ON VASCULAR SKIN PATTERN IN LOW RESOLUTION NON-FACIAL IMAGE AND FINGER PRINT DETECTION

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Identifying criminals and victims in images (e.g., masked gunmen) can be a challenging task, especially when neither their faces nor tattoos are observable. Skin mark patterns and blood vessel patterns are recently proposed to address this problem. Medical research results have implied that skin mark patterns are a stable biometric trait and have potential to overcome the weaknesses of androgenic hair patterns and blood vessel patterns. In addition, we confirm the criminal's identity with available finger prints.

Index Terms—Forensic Analysis ,Skin Pattern Finger Print, Gabor filter

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