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2024년도 대한전자공학회

하계종합학술대회 초청강연 발표정보

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▌발표자 정보

성명	고근수	사진	
소속(학교)	가톨릭대학교		
부서(학과)	인공지능학과		
직위	조교수		
발표분야	이미지 인페인팅 기술과 응용		
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▌초청강연 정보

제　　목	이미지 인페인팅 기술과 불량 검출에서의 응용
Abstract	The objective of image inpainting is to reconstruct visually plausible images by filling in holes or defects in input images, such as old photos with scratches and flawed photos with distracting objects. Various image inpainting methods predict the contents inside holes based on intact regions. Recently, with the advances in attention modules, several inpainting methods bring appropriate content according to the attention scores. It implies that desired content can be filled by controlling the attention scores, one application of which is synthesizing defective images from normal images. Noticing that the ratio disproportion between normal and defective images is a challenge for anomaly detection, we will discuss the usage of image inpainting for defective image synthesis in this talk.