

1. Record Nr.	UNINA9910346767803321
Autore	Stephan Thomas
Titolo	Beitrag zur Unterwasserbildrestauration
Pubbl/distr/stampa	KIT Scientific Publishing, 2017
ISBN	1000058567
Descrizione fisica	1 electronic resource (XX, 210 p. p.)
Collana	Schriftenreihe Automatische Sichtprüfung und Bildverarbeitung
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Underwater images are most often degraded by color shifts, blurring and brightening effects. The presented approach is based on a problem-specific physical model of under water image formation. Thereon, methods of image restoration and image data retrieval are presented, which invert image degradation processes. Hence, it is possible to enhance image quality with model knowledge under different image acquisition conditions.