

Anomaly Detection for Automated Visual Inspection: A Review	1
Oliver Rippel and Dorit Merhof	
Bewertungsmetrik für die Bildqualität bei automatisierten optischen Inspektionsanwendungen	15
Philip Topalis, Marvin Höhner, Fabian Stoller, Milapji Singh Gill und Alexander Fay	
DSGVO-konforme Personendetektion in 3D-LiDAR-Daten mittels Deep Learning Verfahren	33
Dennis Sprute, Tim Westerhold, Florian Hufen, Holger Flatt und Florian Gellert	
Advanced Feature Extraction Workflow for Few Shot Object Recognition	47
Markus Brüning, Paul Wunderlich, and Helene Dörksen	
The RRDS, an Improved Animal Experimentation System for More Animal Welfare and More Accurate Results	61
Theo Gabloffsky, Alexander Hawlitschka, and Ralf Salomon	
A Study on Data Augmentation Techniques for Visual Defect Detection in Manufacturing	73
Lars Leyendecker, Shobhit Agarwal, Thorben Werner, Maximilian Motz, and Robert H. Schmitt	
Creating Synthetic Training Data for Machine Vision Quality Gates	95
Iris Gräßler, Michael Hieb, Daniel Roesmann, and Marc Unverzagt	