Correction to: Production at the leading edge of technology

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For a number of chapters the editors' names were inadvertently captured in the HTML files instead of the chapter authors' names. The affected chapters as listed below have now been corrected.

Micro milling of areal material measures: Influence of the manufacturing parameters on the surface quality - Katja Klauer, Matthias Eifler, Benjamin Kirsch, Jorg Seewig and Jan C. Aurich

Additive manufacturing for intelligent lightweight tools - Kim Torben Werkle, Walther Maier and Hans-Christian Mohring

Drive Unit Enabling Electrochemical Orbiting with High Dynamics and High Accuracy - Rene Schoesau, Hendrik Rentzsch, Oliver Georgi, Gunnar Meichsner, Willy Peter and Jan Edelmann

Concept to analyze residual stresses in milled thin walled monolithic aluminum components and their effect on part distortion - Daniel Weber, Benjamin Kirsch, Christopher R. D'Elia, Barbara S. Linke, Michael R. Hill and Jan C. Aurich

Experimental Analysis of the Friction Behaviour in Cutting - Jannis Saelzer, Andreas Zabel, Dirk Biermann

Mutability of cutting materials – performance of niobium carbide based hard metals - Kristin Kropidlowski1, Daniel Hinzmann, Eckart Uhlmann, Geraldine Theiler and Thomas Gradt

Influence of filler wire oscillation on the seam texture in laser beam brazing - Thorsten Mattulat, Helge Kugler and Frank Vollertsen

Highspeed Force Sensitive Object Handling via Cyberphysical Gripping System - Michael Miro, Miguel Angel Villanueva Portela and Bernd Kuhlenkotter

Overview and Classification of Defects occurring during Laser Beam Melting of Nickel-base Alloys - Mathias Sebastian Palm, Andre Chandelle, Fabian Riss and Michael F. Zaeh

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Fast Pick and Place Stacking System for Thin, Limp and Inhomogeneous Fuel Cell Components - Paul Bobka, Felix Gabriel, Martin Romer, Thomas Engbers, Markus Willgeroth and Klaus Droder

Higher deposition rates in laser hot wire cladding (LHWC) by beam oscillation and thermal control - Dieter Tyralla and Thomas Seefeld

Towards a Framework for Evaluating Exoskeletons - Niclas Hoffmann, Andreas Argubi-Wollesen, Christine Linnenberg and Robert Weidner

Robot-Based Hybrid Production Concept - Christian Baier, Felix Hahn, Cornelia Tepper and Matthias Weigold

Control loop for a databased prediction of order-specific transition times - Frederick Sauermann, Marcel Hagemann, Jan-Philipp Prote and Gunther Schuh

Data-driven Prediction of Surface Quality in Fused Deposition Modeling using Machine Learning - Felix Sohnius, Peter Schlegel, Max Ellerich and Robert H. Schmitt

Experimental validation of smoothed machine learning-based parameterization of local support in robot-based incremental sheet forming - Dennis Mollensiep, Marvin Ohm, Denis Daniel Storkle and Bernd Kuhlenkotter

Machine Learning and Artificial Intelligence in Production: Application Areas and Publicly Available Data Sets - Jonathan Kraus, Jonas Dorisen, Hendrik Mende, Maik Frye and Robert H. Schmitt

Camera Based Ball Screw Spindle Defect Classification System - Tobias Schlagenhauf, Claus-Philipp Feuring, Jonas Hillenbrand and Jurgen Fleischer

Cross-Process Quality Analysis of X-ray Tubes for Medical Applications Using Machine Learning Techniques - Andreas Selmaier, Phillipe Robitzch, Andreas Mayr, Jens Furst and Jorg Franke

Development of a Machine Learning Model for a Multi-Correlative Sample-Based Prediction of Product Quality for Complex Machining Processes - Jimmy Chhor, Stefan Gerdhenrichs, Felix Mohrschladt, Max Ellerich and Robert H. Schmitt

Internet of Production: Rethinking production management - Gunther Schuh, Jan-Philipp Prote, Andreas Gutzlaff, Katharina Thomas, Frederick Sauermann and Niklas Rodemann

Auto-configuration of a digital twin for machine tools by intelligent crawling - Philipp Gonnheimer, Jonas Hillenbrand, Thomas Betz-Mors, Philip Bischof, Lorenz Mohr and Jurgen Fleischer

Certification of AI-Supported Production Processes - Tobias Claus Brandstatter, Jonathan Kraus and Robert H. Schmitt

Influencing factors for the design of agile global production networks - Niklas Rodemann, Julian Ays, Andreas Gutzlaff, Jan-Philipp Prote and Gunther Schuh

Systematical Combination of a Lean Production System and Industry 4.0 Development of a method library to assess interactions - Pascal Langlotz and Jan C. Aurich

Concept for the industrialization of physical products in the highly iterative product development - Shari Wlecke, Jan-Philipp Prote, Marco Molitor, Christopher Muller and Gunther Schuh

Data Acquisition System in Value Streams for Resource Consumption Monitoring and Workpiece Traceability - Johannes Sossenheimer, Astrid Weyand, Markus Schreiber, Lukas Hartmann, Julia Fischer, Liselotte Schebek, Joachim Metternich and Eberhard Abele

Framework for Smart Services as a premise for collaboration in the era of manufacturing services - Florian Stamer, Amal Labbouz, Benjamin Hafner and Gisela Lanza

Methodology for the risk and reward evaluation of industrial subscription models - Manuel Ebi, Marius Hille, Christian Doelle, Michael Riesener and Guenther Schuh

Chapter 35: page no 350

In equation (2), superscript has been included and now it reads as

$$E_{kin} = 2(\pi \, n_S)^2 J_{STE} = 2(\pi \, n_S)^2 \left(J_{rig} + \sum_i dm_i(x) \, w_i^2(x) \right), \qquad (2)$$

Chapter 55: page no 553

The spelling of the word 'Certification' was incorrect in the chapter title. This has been corrected and chapter title now reads as 'Certification of AI-Supported Production Processes'.