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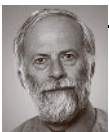


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Professor Thomas Böllinghaus received the Dr.-Ing. degree in 1995 from the Helmut-Schmidt-University, Hamburg, and qualified there as a Professor for Materials Science and Welding Technology in 1999. He then became head of Division V.5 Safety of Joined Components at the Federal Institute for Materials Research and Testing (BAM), Berlin. Since 2003 he has been Vice President of BAM and became Honorary Professor for Failure Analysis and Failure Prevention in the Faculty for Mechanical Engineering at the Otto-von-Guericke University, Magdeburg in 2008. His research interests focus on hydrogen-assisted cracking of structural metallic materials, numerical simulation of hydrogen transport and cracking, hot cracking phenomena in welds, and failure analysis and lifecycle evaluations of joined components.



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Chapter B.4, Sect. 4.2

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Chapter B.7, Sect. 7.3.3

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Chapter B.7, Sect. 7.4.2

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Chapter B.13, Sect. 13.1

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Chapter B.7, Sect. 7.4.9

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Chapter B.7, Sect. 7.4.5

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Chapter B.7, Sects. 7.3.1, 7.3.2

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Chapter A.2

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