

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | New Issue Alert | 2 September 2023 | | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  | | --- | | Dear Reader, | | We are pleased to deliver your requested table of contents alert for **Welding in the World**. [Volume 67, Issue 10](http://links.springernature.com/f/a/bxJMeXtqQvRWdEtqJRfB3Q~~/AABE5gA~/RgRm1X8DP0SMaHR0cDovL2xpbmsuc3ByaW5nZXIuY29tL2pvdXJuYWwvNDAxOTQvNjcvMTA_dXRtX3NvdXJjZT10b2MmdXRtX21lZGl1bT1lbWFpbCZ1dG1fY2FtcGFpZ249dG9jXzQwMTk0XzY3XzEwJnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA5MDJXA3NwY0IKZPAD-vJkr1ZXKFISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) is now available online. | |  | |  |  | | --- | | In this issue | | |  | | --- | |  | | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Welding in the World cover image | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Effect of rotational speed on microstructure, mechanical property, and electrochemical behavior of friction stir welded joint of ultra-low carbon steel](http://links.springernature.com/f/a/IIOVDyy562Uvvmbl3nlVyw~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU2NS05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | Ishita Koley, Arindam Dhar, Avinash Kumar, Nanigopal Roy, Sukumar Kundu | |  |  | | --- | | Research Paper | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  | | --- | |  | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/IIOVDyy562Uvvmbl3nlVyw~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU2NS05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/IIOVDyy562Uvvmbl3nlVyw~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU2NS05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/ZJC1-lO7aylNvMo22fMZpw~~/AABE5gA~/RgRm1X8DP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE1NjUtOT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIzMDkwMlcDc3BjQgpk8AP68mSvVlcoUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Investigation into Cr(VI) generation in metal inert gas (MIG), metal active gas (MAG), and flux cored arc welding (FCAW) by varying the oxidation potential of the shielding gas](http://links.springernature.com/f/a/I89EiplQxcNCu5hf2bUumA~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU2My14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | Vishal Vats, Geoff Melton, Meez Islam, Venkatesan V. Krishnan | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/I89EiplQxcNCu5hf2bUumA~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU2My14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/I89EiplQxcNCu5hf2bUumA~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU2My14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/rNL851yOvS_Otnt2j4cE4w~~/AABE5gA~/RgRm1X8DP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE1NjMteD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIzMDkwMlcDc3BjQgpk8AP68mSvVlcoUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Improvement of local compression condition for fracture toughness test with Bayesian optimization](http://links.springernature.com/f/a/th9KTQ9ll68_R1JFvdxDFw~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU3OC00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | A. Takumi Ozawa, B. Tomoya Kawabata, C. Yoshiki Mikami | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/th9KTQ9ll68_R1JFvdxDFw~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU3OC00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/th9KTQ9ll68_R1JFvdxDFw~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU3OC00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/oLqcHL6uBtYUWHhZjxnARw~~/AABE5gA~/RgRm1X8DP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE1NzgtND91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIzMDkwMlcDc3BjQgpk8AP68mSvVlcoUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | | Open Access | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Evaluation of the approach based on the maximum principal stress from the IIW-Recommendation for welded joints under proportional, multiaxial stress states](http://links.springernature.com/f/a/9hxQqYudB-PoaPo3pidUAA~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU3MS14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | Markus Fass, Matthias Hecht, Jörg Baumgartner, Niklas Bauer | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/9hxQqYudB-PoaPo3pidUAA~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU3MS14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/9hxQqYudB-PoaPo3pidUAA~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU3MS14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/ydRp5fiukbitwJcOI8yMUA~~/AABE5gA~/RgRm1X8DP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE1NzEteD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIzMDkwMlcDc3BjQgpk8AP68mSvVlcoUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Fatigue life prediction of welded joints under variable stress ratios based on the energy dissipation method](http://links.springernature.com/f/a/JZ8n7D43-p23qh9J3wsL7g~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU3Mi13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | Chengji Mi, Changxing Wen, Zhonglin Huang, Yang Hai, Yongqiang Li, Yingang Xiao, Xianghuan Liu, Yongzhi Chen, Jiachang Tang | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/JZ8n7D43-p23qh9J3wsL7g~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU3Mi13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/JZ8n7D43-p23qh9J3wsL7g~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU3Mi13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/wLpNTPIV5MO6hIGWo9-KFQ~~/AABE5gA~/RgRm1X8DP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE1NzItdz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIzMDkwMlcDc3BjQgpk8AP68mSvVlcoUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | | Open Access | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [A statistical assessment of the fatigue strength improvement of butt-welded joints by flush grinding](http://links.springernature.com/f/a/n6QUl_5fafcqBFmnxG0l5A~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU2OS01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | Moritz Braun, Jörg Baumgartner, Gloria Hofmann, Karl Drebenstedt, Niklas Michael Bauer, Hadi Bakhschi, Ulrike Kuhlmann | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/n6QUl_5fafcqBFmnxG0l5A~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU2OS01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/n6QUl_5fafcqBFmnxG0l5A~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU2OS01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/p5kcMPyxhBtrybIDbJa9Ug~~/AABE5gA~/RgRm1X8DP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE1NjktNT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIzMDkwMlcDc3BjQgpk8AP68mSvVlcoUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Optimization of FEM models for welding residual stress analysis using the modal method](http://links.springernature.com/f/a/ChLbMOExJW_AoAQiTYotSg~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU3MC15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | Marcio Vital de Arruda, Edmilson Otoni Correa, Vanessa Bawden de Paula Macanhan | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/ChLbMOExJW_AoAQiTYotSg~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU3MC15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/ChLbMOExJW_AoAQiTYotSg~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU3MC15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/T5x_OsTwbv8j8YQxoDcAzQ~~/AABE5gA~/RgRm1X8DP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE1NzAteT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIzMDkwMlcDc3BjQgpk8AP68mSvVlcoUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Novel approach for numerical evaluation of limiting state and reliability of corroded pipelines under in-service repair welding](http://links.springernature.com/f/a/XL9OsczH8qx5jqBME7ythw~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU0My0xP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | Alexey Milenin, Elena Velikoivanenko, Galina Rozynka, Nina Pivtorak | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/XL9OsczH8qx5jqBME7ythw~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU0My0xP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/XL9OsczH8qx5jqBME7ythw~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU0My0xP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/I6ZNWGdcGc5DVBMmEFA6pA~~/AABE5gA~/RgRm1X8DP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE1NDMtMT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIzMDkwMlcDc3BjQgpk8AP68mSvVlcoUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | | Open Access | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Effect of water salinity on properties of multipass underwater wet manual metal arc welded joints](http://links.springernature.com/f/a/Aq2hx9jw7ZwgfxPDONpVGA~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU1NC15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | Jacek Tomków, Dariusz Fydrych, Jerzy Łabanowski | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/Aq2hx9jw7ZwgfxPDONpVGA~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU1NC15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/Aq2hx9jw7ZwgfxPDONpVGA~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU1NC15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/C4lGVEkz4iLpV-p4-E_BGA~~/AABE5gA~/RgRm1X8DP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE1NTQteT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIzMDkwMlcDc3BjQgpk8AP68mSvVlcoUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Effects of nickel layer on interfacial micro-structure distribution and macro-mechanical properties for vacuum-brazed dissimilar steel joints](http://links.springernature.com/f/a/N5MQ8Q8BiuVTlI5UjEB1ww~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU1NS14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | Leilei Wang, Nian Li, Xinlong Wei, Xiang Ling, Qingsheng Li | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/N5MQ8Q8BiuVTlI5UjEB1ww~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU1NS14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/N5MQ8Q8BiuVTlI5UjEB1ww~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU1NS14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/2HNChQYvgWMuY7e_GAcN8g~~/AABE5gA~/RgRm1X8DP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE1NTUteD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIzMDkwMlcDc3BjQgpk8AP68mSvVlcoUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Microstructural evolutions and mechanical properties of TLP-bonded WC-Co/St52 with copper interlayer](http://links.springernature.com/f/a/1Q9MjAK9fJCRwIju2J3WFg~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU2Mi15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | Hamed Zeidabadinejad, Mahdi Rafiei, Iman Ebrahimzadeh, Mahdi Omidi, Farid Naeimi | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/1Q9MjAK9fJCRwIju2J3WFg~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU2Mi15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/1Q9MjAK9fJCRwIju2J3WFg~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU2Mi15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/s8CS44qVB0MjzbzJNCmq3Q~~/AABE5gA~/RgRm1X8DP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE1NjIteT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIzMDkwMlcDc3BjQgpk8AP68mSvVlcoUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | | Open Access | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Influence of the application of ultrasound on the microstructure of cemented carbide/steel joints brazed with Ag49ZnCuMnNi](http://links.springernature.com/f/a/9ItmWaoQv6A0-gZlzZG5_A~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU3My05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | L. Wojarski, W. Tillmann, H. Ulitzka, T. Ulitzka | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/9ItmWaoQv6A0-gZlzZG5_A~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU3My05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/9ItmWaoQv6A0-gZlzZG5_A~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU3My05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/nYE_VMOplYVlssJqd-n38Q~~/AABE5gA~/RgRm1X8DP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE1NzMtOT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIzMDkwMlcDc3BjQgpk8AP68mSvVlcoUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Correction | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Correction to: High strength steel weld metal properties: metallurgical criteria and computational tools](http://links.springernature.com/f/a/nHxM6T4qtejwBOuFhb55FQ~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU3NC04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | K. Sampath, R. Varadarajan | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/nHxM6T4qtejwBOuFhb55FQ~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU3NC04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/nHxM6T4qtejwBOuFhb55FQ~~/AABE5gA~/RgRm1X8DP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU3NC04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N18xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwOTAyVwNzcGNCCmTwA_ryZK9WVyhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/DsC_VRgU8sgcEgpGIxbhgw~~/AABE5gA~/RgRm1X8DP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE1NzQtOD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIzMDkwMlcDc3BjQgpk8AP68mSvVlcoUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) | | | | |