

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |
| --- |
| Dear Reader, |
| We are pleased to deliver your requested table of contents alert for **Welding in the World**. [Volume 66, Issue 12](http://links.springernature.com/f/a/H2rSb1gvffor37ehzytWcg~~/AABE5gA~/RgRlR5BOP0SMaHR0cDovL2xpbmsuc3ByaW5nZXIuY29tL2pvdXJuYWwvNDAxOTQvNjYvMTI_dXRtX3NvdXJjZT10b2MmdXRtX21lZGl1bT1lbWFpbCZ1dG1fY2FtcGFpZ249dG9jXzQwMTk0XzY2XzEyJnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjExMDRXA3NwY0IKY2NOC2Vj0xPqalISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) is now available online. |
|  |

 |

 |

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| Welding in the World cover image |

 |

 |

 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |
| --- |
| In this issue |
|

|  |
| --- |
|    |

 |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| Research Paper |

 |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |
| --- |
| [Solidification cracking in duplex stainless steel flux-cored arc welds Part 1—cracking in 30-mm-thick material welded under high restraint](http://links.springernature.com/f/a/mVpcilYFfGQK9ioRPbfVCA~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM3MC13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Elin M. Westin, Andrea Putz, Andrea Maderthoner, Johan Pilhagen |

 |

 |

 |

 |

 |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/mVpcilYFfGQK9ioRPbfVCA~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM3MC13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/mVpcilYFfGQK9ioRPbfVCA~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM3MC13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/OBuYKQ1Nf1c-RkOAFnfhFw~~/AABE5gA~/RgRlR5BOP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEzNzAtdz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfMTImdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIyMTEwNFcDc3BjQgpjY04LZWPTE-pqUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| Research Paper |

 |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |
| --- |
| [Solidification cracking in duplex stainless steel flux-cored arc welds Part 2 — susceptibility of 22Cr all-weld metals under high restraint](http://links.springernature.com/f/a/laN4E0xxXzgV0axlKYL71Q~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM4OS16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Elin M. Westin, Fernando G. Warchomicka |

 |

 |

 |

 |

 |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/laN4E0xxXzgV0axlKYL71Q~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM4OS16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/laN4E0xxXzgV0axlKYL71Q~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM4OS16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/stvrvxNEO5OXFRSi0m9myg~~/AABE5gA~/RgRlR5BOP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEzODktej91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfMTImdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIyMTEwNFcDc3BjQgpjY04LZWPTE-pqUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| Research Paper |

 |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |
| --- |
| [Evaluation of mechanical performance and microstructural aspects of AISI 304 stainless steel welded joints produced by controlled short circuit GMAW and GTAW](http://links.springernature.com/f/a/KstP7Uexrcptm4U5SOswGw~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM4My01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Helen Rodrigues Araújo, Edwar Andrés Torres, Luis Henrique Rodrigues Apolinário, Andre de Albuquerque Vicente, Deusdedit Carlos da Silva Júnior, Tiago Felipe de Abreu Santos |

 |

 |

 |

 |

 |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/KstP7Uexrcptm4U5SOswGw~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM4My01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/KstP7Uexrcptm4U5SOswGw~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM4My01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/iV49irnzkEWH-eiSZ-bhdg~~/AABE5gA~/RgRlR5BOP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEzODMtNT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfMTImdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIyMTEwNFcDc3BjQgpjY04LZWPTE-pqUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| Research Paper |

 |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |
| --- |
| [Effect of processing parameters on the interface characteristics and joint strengths of aluminium-on-steel lap joints produced using conduction mode laser welding](http://links.springernature.com/f/a/5M7-OMVm6LtBGbm3yZPGAQ~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM5Mi00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Monideepa Mukherjee, Jaydeb Kundu, Mahadev Shome |

 |

 |

 |

 |

 |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/5M7-OMVm6LtBGbm3yZPGAQ~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM5Mi00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/5M7-OMVm6LtBGbm3yZPGAQ~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM5Mi00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/c7tik5uDnaEX_sIkTMGFmA~~/AABE5gA~/RgRlR5BOP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEzOTItND91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfMTImdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIyMTEwNFcDc3BjQgpjY04LZWPTE-pqUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| Research Paper |

 |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |
| --- |
| [Effect of beam oscillation on microstructure, defect density, and resistivity of electron beam welded niobium](http://links.springernature.com/f/a/lfoRjKJjmrJAdPTJSRyExA~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM5NC0yP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Jeetendra Kumar Singh, Gour Gopal Roy, P. N. Prakash, Abhishek Rai, I. Manna, D. Kanjilal, Jyotsna Dutta Majumdar |

 |

 |

 |

 |

 |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/lfoRjKJjmrJAdPTJSRyExA~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM5NC0yP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/lfoRjKJjmrJAdPTJSRyExA~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM5NC0yP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/gIPbEE9MSKjAqUgnCl8rbA~~/AABE5gA~/RgRlR5BOP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEzOTQtMj91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfMTImdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIyMTEwNFcDc3BjQgpjY04LZWPTE-pqUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| Research Paper |

 |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |
| --- |
| [Influence of transverse auxiliary magnetic field on weld formation and joint quality in spiral submerged arc welding of X80 steel linepipe](http://links.springernature.com/f/a/OgohHmkB4KRXtjMEid2POg~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM3MS05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Ming Zhao, Xuezhi Feng, Zhaopeng Cui, Junjie Wang, Hongyuan Chen |

 |

 |

 |

 |

 |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/OgohHmkB4KRXtjMEid2POg~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM3MS05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/OgohHmkB4KRXtjMEid2POg~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM3MS05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/zk47p3fCfHn1Q-wgLL3N1Q~~/AABE5gA~/RgRlR5BOP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEzNzEtOT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfMTImdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIyMTEwNFcDc3BjQgpjY04LZWPTE-pqUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| Research Paper |

 |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |
| --- |
| [Weld penetration identification with deep learning method based on auditory spectrum images of arc sounds](http://links.springernature.com/f/a/6WVOMtMCwmm27rjvI-mgDA~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM3My03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Yanfeng Gao, Qisheng Wang, Jianhua Xiao, Genliang Xiong, Hua Zhang |

 |

 |

 |

 |

 |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/6WVOMtMCwmm27rjvI-mgDA~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM3My03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/6WVOMtMCwmm27rjvI-mgDA~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM3My03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/0cx1C1pEpmUlOjGi2mCRKA~~/AABE5gA~/RgRlR5BOP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEzNzMtNz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfMTImdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIyMTEwNFcDc3BjQgpjY04LZWPTE-pqUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| Research Paper |

 |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |
| --- |
| [Numerical simulation of arc and metal transfer behaviors in double-wire gas metal arc welding](http://links.springernature.com/f/a/p_tyBf3sYhFQvNFzs5izDQ~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM4MS03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Jie Xu, Yiming Ma, Lin Wang, Xu Lu |

 |

 |

 |

 |

 |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/p_tyBf3sYhFQvNFzs5izDQ~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM4MS03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/p_tyBf3sYhFQvNFzs5izDQ~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM4MS03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/QN6Q9C7lYhz6b2p5EBRCTA~~/AABE5gA~/RgRlR5BOP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEzODEtNz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfMTImdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIyMTEwNFcDc3BjQgpjY04LZWPTE-pqUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| Research Paper |

 |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
| Open Access |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |
| --- |
| [Automated geometry measurement and deep rolling of butt welds](http://links.springernature.com/f/a/RvPuyWgCFsEglTG2uHEbGg~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM0Ni13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Klaas Maximilian Heide, Steffen Heikebrügge, Christian Dänekas, Bernd Breidenstein, Peter Schaumann |

 |

 |

 |

 |

 |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/RvPuyWgCFsEglTG2uHEbGg~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM0Ni13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/RvPuyWgCFsEglTG2uHEbGg~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM0Ni13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/ttCitZjD8BUaovopWypqXA~~/AABE5gA~/RgRlR5BOP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEzNDYtdz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfMTImdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIyMTEwNFcDc3BjQgpjY04LZWPTE-pqUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| Research Paper |

 |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |
| --- |
| [Fatigue tests of as-welded and HFMI treated S355 details with longitudinal and transverse attachments](http://links.springernature.com/f/a/O2ih0Pmyq9R4zTlrxGMJ_Q~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM1Ny03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Boris Fuštar, Ivan Lukačević, Davor Skejić, Mateo Gašparović |

 |

 |

 |

 |

 |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/O2ih0Pmyq9R4zTlrxGMJ_Q~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM1Ny03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/O2ih0Pmyq9R4zTlrxGMJ_Q~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM1Ny03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/l5HBasYT83PxXrFs_yP9OQ~~/AABE5gA~/RgRlR5BOP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEzNTctNz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfMTImdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIyMTEwNFcDc3BjQgpjY04LZWPTE-pqUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| Research Paper |

 |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
| Open Access |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |
| --- |
| [Fatigue strength of partial penetration butt welds of mild steel](http://links.springernature.com/f/a/9Ztbu8FgqhgK0URlx-8l0A~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTMzNS16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| R. Schiller, M. Oswald, J. Neuhäusler, K. Rother, I. Engelhardt |

 |

 |

 |

 |

 |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/9Ztbu8FgqhgK0URlx-8l0A~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTMzNS16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/9Ztbu8FgqhgK0URlx-8l0A~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTMzNS16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/l5jyFZfNvXQd8mDn0PTGSw~~/AABE5gA~/RgRlR5BOP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEzMzUtej91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfMTImdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIyMTEwNFcDc3BjQgpjY04LZWPTE-pqUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| Research Paper |

 |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
| Open Access |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |
| --- |
| [Fatigue strength assessment of TIG-dressed high-strength steel cruciform joints by nominal and local approaches](http://links.springernature.com/f/a/EshBL-YEiKzC8_OYohHBjw~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM0NS14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| P. Brunnhofer, C. Buzzi, T. Pertoll, M. Leitner, W. Mössler |

 |

 |

 |

 |

 |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/EshBL-YEiKzC8_OYohHBjw~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM0NS14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/EshBL-YEiKzC8_OYohHBjw~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM0NS14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/S8DK9CKYGniPJn911NrooQ~~/AABE5gA~/RgRlR5BOP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEzNDUteD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfMTImdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIyMTEwNFcDc3BjQgpjY04LZWPTE-pqUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| Research Paper |

 |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |
| --- |
| [Structural life analysis method applied to hydraulic press welded frame construction](http://links.springernature.com/f/a/OKUxmK-YTFL5m3iQXqm7ew~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM3NS01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Damir Tomerlin, Dražan Kozak, Darko Damjanović, Marko Katinić |

 |

 |

 |

 |

 |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/OKUxmK-YTFL5m3iQXqm7ew~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM3NS01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/OKUxmK-YTFL5m3iQXqm7ew~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM3NS01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/j75x20YEOhFoCA_JFGgzbw~~/AABE5gA~/RgRlR5BOP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEzNzUtNT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfMTImdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIyMTEwNFcDc3BjQgpjY04LZWPTE-pqUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| Research Paper |

 |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
| Open Access |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |
| --- |
| [Determination of notch factors for welded T-joints based on numerical analysis and metamodeling](http://links.springernature.com/f/a/oDC8mC6VJYyaeS7zLKBxDQ~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM2OC00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Markus Oswald, Josef Neuhäusler, Moritz Frey, Klemens Rother |

 |

 |

 |

 |

 |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/oDC8mC6VJYyaeS7zLKBxDQ~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM2OC00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/oDC8mC6VJYyaeS7zLKBxDQ~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM2OC00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/_H6PGYqwPju-oURt569UOQ~~/AABE5gA~/RgRlR5BOP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEzNjgtND91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfMTImdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIyMTEwNFcDc3BjQgpjY04LZWPTE-pqUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| Research Paper |

 |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |
| --- |
| [Microstructure evolution, diffusion behavior and fatigue properties of TC4 titanium alloy joints brazed with Ti–Zr-based filler](http://links.springernature.com/f/a/NAbovJ7scUF9KZaNKqp7iA~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM4Ny0xP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Liangjian Ling, Junfei Teng, Maoai Chen |

 |

 |

 |

 |

 |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/NAbovJ7scUF9KZaNKqp7iA~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM4Ny0xP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/NAbovJ7scUF9KZaNKqp7iA~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM4Ny0xP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/mtJ5NhBbyFjGB8IiyAm-Jg~~/AABE5gA~/RgRlR5BOP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEzODctMT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfMTImdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIyMTEwNFcDc3BjQgpjY04LZWPTE-pqUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| Review Article |

 |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
| Open Access |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |
| --- |
| [A roadmap for selection of metal welding process: a review and proposals](http://links.springernature.com/f/a/fceGHGOwY0lZRJQR_rLoZg~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM3OS0xP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Hassan Soltan, Mohamed Omar |

 |

 |

 |

 |

 |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/fceGHGOwY0lZRJQR_rLoZg~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM3OS0xP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/fceGHGOwY0lZRJQR_rLoZg~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM3OS0xP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/kzn5a5oUEXcgDraybXlfqg~~/AABE5gA~/RgRlR5BOP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEzNzktMT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfMTImdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIyMTEwNFcDc3BjQgpjY04LZWPTE-pqUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| Correction |

 |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |
| --- |
| [Correction to: Mechanical properties and weld characteristics of friction stir welding of thermoplastics using heat-assisted tool](http://links.springernature.com/f/a/Yxn-e0_i_vQnWz6shRNjTA~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM5OS14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Farooq Shah, Muhammad Younas, Mushtaq Khan, Ashfaq Khan, Zarak Khan, Nawar Khan |

 |

 |

 |

 |

 |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/Yxn-e0_i_vQnWz6shRNjTA~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM5OS14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/Yxn-e0_i_vQnWz6shRNjTA~~/AABE5gA~/RgRlR5BOP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM5OS14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMTA0VwNzcGNCCmNjTgtlY9MT6mpSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/w1MsPaSVLXYs8-VvV7ukvg~~/AABE5gA~/RgRlR5BOP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEzOTkteD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfMTImdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIyMTEwNFcDc3BjQgpjY04LZWPTE-pqUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |