

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

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

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

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

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

|  |  |
| --- | --- |
| New Issue Alert | 28 September 2021 |

 |
|

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

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

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

Dear Reader, |
| We are pleased to deliver your requested table of contents alert for **Welding in the World**. [Volume 65, Issue 10](http://links.springernature.com/f/a/SwlTw4zdhHxKlMqxIPFG8Q~~/AABE5gA~/RgRjNYcvP0SMaHR0cDovL2xpbmsuc3ByaW5nZXIuY29tL2pvdXJuYWwvNDAxOTQvNjUvMTA_dXRtX3NvdXJjZT10b2MmdXRtX21lZGl1bT1lbWFpbCZ1dG1fY2FtcGFpZ249dG9jXzQwMTk0XzY1XzEwJnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMTA5MjhXA3NwY0IKYVIvAlNhL-nw3VISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) is now available online. |
|  |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

|  |
| --- |
|  |

 |

 |

 |
|

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

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

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

|  |
| --- |
|  |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [All-positional flux cored wire with lower trace element contents and improved ambient temperature toughness for welding P91 steels](http://links.springernature.com/f/a/7_pxhzN-MppPeJaG3DSQ5A~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEzNS14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Zhuyao Zhang, Sorin Craciun, Vincent Mee |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/7_pxhzN-MppPeJaG3DSQ5A~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEzNS14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/7_pxhzN-MppPeJaG3DSQ5A~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEzNS14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/OH5MLav2SVy-RDAfi6DHDA~~/AABE5gA~/RgRjNYcvP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDExMzUteD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjVfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIxMDkyOFcDc3BjQgphUi8CU2Ev6fDdUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Evolution of a low-alloy steel/nickel superalloy dissimilar metal weld during post-weld heat treatment](http://links.springernature.com/f/a/o-7glxki5Zyk84AFKwdm_w~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE0Ni04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| C.V. Silva Lima, M. Verdier, F. Robaut, J. Ghanbaja, G. Badinier, T. Marlaud, C. Tassin, H.P. Landeghem |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/o-7glxki5Zyk84AFKwdm_w~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE0Ni04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/o-7glxki5Zyk84AFKwdm_w~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE0Ni04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/3eMuo9peNjvm2SlHEmdSKQ~~/AABE5gA~/RgRjNYcvP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDExNDYtOD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjVfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIxMDkyOFcDc3BjQgphUi8CU2Ev6fDdUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Evaluation of liquid metal embrittlement crack in resistance spot welds under intensive welding condition using industrial X-ray computed tomography and machine learning](http://links.springernature.com/f/a/djUSvic9ghltBjgzzeST5Q~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEwOS16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Seung-Chang Han, Hyeong-Mo Park, Sang-Ho Uhm, Du-Youl Choi, Hong-Chul Jeong, Yeong-Jin Kim, Tea-Sung Jun |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/djUSvic9ghltBjgzzeST5Q~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEwOS16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/djUSvic9ghltBjgzzeST5Q~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEwOS16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/yTxcJm-usI2W6Y34n2uNPg~~/AABE5gA~/RgRjNYcvP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDExMDktej91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjVfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIxMDkyOFcDc3BjQgphUi8CU2Ev6fDdUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
| Open Access |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Joining of ultra-high-strength steels using resistance element welding on conventional resistance spot welding guns](http://links.springernature.com/f/a/7gdyJWPUvSIXVPznKkS1ug~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEyMi0yP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Heinrich Günter, Gerson Meschut |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/7gdyJWPUvSIXVPznKkS1ug~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEyMi0yP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/7gdyJWPUvSIXVPznKkS1ug~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEyMi0yP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/t53fWD13VQnx5zEODj1QBw~~/AABE5gA~/RgRjNYcvP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDExMjItMj91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjVfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIxMDkyOFcDc3BjQgphUi8CU2Ev6fDdUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Microstructural analysis and mechanical behavior of TC4 titanium alloy and 304 stainless steel by friction stir lap welding](http://links.springernature.com/f/a/jBM5m7_SAOE7JLuHSP1cSw~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEzMy16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Yongxin Lu, Xueli Xu, Binhua Zhang, Fan Luo, Wei Qiang, Shiqing Wang, Jian Cao, Wenya Li |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/jBM5m7_SAOE7JLuHSP1cSw~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEzMy16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/jBM5m7_SAOE7JLuHSP1cSw~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEzMy16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/DMqa4AosE7HmidcI1UZWIw~~/AABE5gA~/RgRjNYcvP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDExMzMtej91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjVfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIxMDkyOFcDc3BjQgphUi8CU2Ev6fDdUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
| Open Access |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Advances in friction stir welding by separate control of shoulder and probe](http://links.springernature.com/f/a/-Qd0es0-wNZ-MjbfZlSgzg~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEzNi13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| M. Grätzel, F. Sieber, K. J. Schick-Witte, J. P. Bergmann |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/-Qd0es0-wNZ-MjbfZlSgzg~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEzNi13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/-Qd0es0-wNZ-MjbfZlSgzg~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEzNi13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/NduvAxnlwKLIuY7N5mgeVg~~/AABE5gA~/RgRjNYcvP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDExMzYtdz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjVfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIxMDkyOFcDc3BjQgphUi8CU2Ev6fDdUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Effect of solidification models on predicting susceptibility of carbon steels to solidification cracking](http://links.springernature.com/f/a/hLnmazO0iqZb0RFMo1c8hQ~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEzMi0wP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Tayfun Soysal |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/hLnmazO0iqZb0RFMo1c8hQ~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEzMi0wP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/hLnmazO0iqZb0RFMo1c8hQ~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEzMi0wP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/FxtFFL5JtfgYJe2JjBCvxg~~/AABE5gA~/RgRjNYcvP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDExMzItMD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjVfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIxMDkyOFcDc3BjQgphUi8CU2Ev6fDdUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Interfacial microstructure and mechanical properties of transient liquid phase bonded IN718/Ti-6Al-4V joints](http://links.springernature.com/f/a/QdhOjZRxjj0y3PlQlw20xg~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEzNC15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| A. Fayegh, M. Aghaie-Khafri, B. Binesh |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/QdhOjZRxjj0y3PlQlw20xg~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEzNC15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/QdhOjZRxjj0y3PlQlw20xg~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEzNC15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/f8-fN9B5XEP_losBsnT4Zw~~/AABE5gA~/RgRjNYcvP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDExMzQteT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjVfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIxMDkyOFcDc3BjQgphUi8CU2Ev6fDdUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Evaluation of solidification cracking of Ni-based alloy dissimilar welds based on Trans-Varestraint test](http://links.springernature.com/f/a/QBVzGCFMItcRtXANwDVg-A~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE0Ny03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Georgia Effgen Santos, Émerson Mendonça Miná, Doroteu Afonso Coelho Pequeno, Hélio Cordeiro Miranda, Cleiton Carvalho Silva |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/QBVzGCFMItcRtXANwDVg-A~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE0Ny03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/QBVzGCFMItcRtXANwDVg-A~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE0Ny03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/F2R-n0Na19-LGIYRVvvD1g~~/AABE5gA~/RgRjNYcvP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDExNDctNz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjVfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIxMDkyOFcDc3BjQgphUi8CU2Ev6fDdUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
| Open Access |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Weld thermal simulation of API 5CT L80 grade steel](http://links.springernature.com/f/a/Czzd6UhDEuI-mz_KwFWbfw~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE0OS01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Vinothkumar Palanisamy, Jan Ketil Solberg, Bjarne Salberg, Per Thomas Moe |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/Czzd6UhDEuI-mz_KwFWbfw~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE0OS01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/Czzd6UhDEuI-mz_KwFWbfw~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE0OS01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/zbQf2BKcok8yVmhQVTpKNA~~/AABE5gA~/RgRjNYcvP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDExNDktNT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjVfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIxMDkyOFcDc3BjQgphUi8CU2Ev6fDdUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [The effects of multiple repair welds on a quenched and tempered steel for naval vessels](http://links.springernature.com/f/a/F6hN9LZUawyda9EhWsRJFg~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE1MC15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Kristin R. Carpenter, Pragathi Dissanayaka, Zoran Sterjovski, Huijun Li, Joe Donato, Azdiar A. Gazder, Stephen Duin, Dan Miller, Mikael Johansson |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/F6hN9LZUawyda9EhWsRJFg~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE1MC15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/F6hN9LZUawyda9EhWsRJFg~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE1MC15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/5jCZa7xznPbkEQghkqVsig~~/AABE5gA~/RgRjNYcvP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDExNTAteT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjVfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIxMDkyOFcDc3BjQgphUi8CU2Ev6fDdUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
| Open Access |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Quantitative evaluation of augmented strain at the weld metal during the Trans-Varestraint test](http://links.springernature.com/f/a/L5n0p-kSW1W15GEDZE1kAw~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE1Mi13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Shotaro Yamashita, Shigetaka Okano, Masahito Mochizuki, Kazuyoshi Saida |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/L5n0p-kSW1W15GEDZE1kAw~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE1Mi13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/L5n0p-kSW1W15GEDZE1kAw~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE1Mi13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/EJYMzM3P6f23C2v7AtDWBQ~~/AABE5gA~/RgRjNYcvP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDExNTItdz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjVfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIxMDkyOFcDc3BjQgphUi8CU2Ev6fDdUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Polymer joining techniques state of the art review](http://links.springernature.com/f/a/GhOxR8QZUMK4GFeeD9Wrqw~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE0My14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| L. R. R. Silva, E. A. S. Marques, Lucas F. M. Silva |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/GhOxR8QZUMK4GFeeD9Wrqw~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE0My14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/GhOxR8QZUMK4GFeeD9Wrqw~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE0My14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/ruIF6LgwJ1SGr2Tu6oc4Ag~~/AABE5gA~/RgRjNYcvP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDExNDMteD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjVfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIxMDkyOFcDc3BjQgphUi8CU2Ev6fDdUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Single-sided ultrasonic welding of carbon fiber/Nylon 66 composite](http://links.springernature.com/f/a/8zE5McsrYs8zwVuHCU6P_Q~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE2MS05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Qian Zhi, Jin-Ming Ma, Xin-Rong Tan, Zhong-Xia Liu, Zeng-Guo Tian, Pei-Chung Wang |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/8zE5McsrYs8zwVuHCU6P_Q~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE2MS05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/8zE5McsrYs8zwVuHCU6P_Q~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE2MS05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/acGFGWSOTCXXVaLULp__nw~~/AABE5gA~/RgRjNYcvP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDExNjEtOT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjVfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIxMDkyOFcDc3BjQgphUi8CU2Ev6fDdUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Quantitative investigation on sidebranching during the solidification of weld pool](http://links.springernature.com/f/a/qOJBITSedV6MG9ds3-yXXQ~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEwNy0xP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Jiajie Wang, Wenjian Zheng, Juhao Yu, Jianping Xu |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/qOJBITSedV6MG9ds3-yXXQ~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEwNy0xP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/qOJBITSedV6MG9ds3-yXXQ~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEwNy0xP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/IrFtFG2YFWCxwaCdvOtkwA~~/AABE5gA~/RgRjNYcvP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDExMDctMT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjVfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIxMDkyOFcDc3BjQgphUi8CU2Ev6fDdUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Correction |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Correction to: Effects of residual stresses and compressive mean stresses on the fatigue strength of longitudinal fillet-welded gussets](http://links.springernature.com/f/a/YIjJQ5zQ9of1H4SMz2eoug~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEzOS03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Jonas Hensel, Thomas Nitschke-Pagel, Klaus Dilger |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/YIjJQ5zQ9of1H4SMz2eoug~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEzOS03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/YIjJQ5zQ9of1H4SMz2eoug~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTEzOS03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/ttYqWLcwtwEzsSKP3yF8-g~~/AABE5gA~/RgRjNYcvP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDExMzktNz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjVfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIxMDkyOFcDc3BjQgphUi8CU2Ev6fDdUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Correction |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Correction to: Engineering model for the quantitative consideration of residual stresses in fatigue design of welded components](http://links.springernature.com/f/a/CIFmkcUaHiUvA6i-2Wo4Zg~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE0MC0wP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Jonas Hensel, Thomas Nitschke-Pagel, Klaus Dilger |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/CIFmkcUaHiUvA6i-2Wo4Zg~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE0MC0wP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/CIFmkcUaHiUvA6i-2Wo4Zg~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE0MC0wP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/CSTLQSdu92B1ri0cpX8usg~~/AABE5gA~/RgRjNYcvP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDExNDAtMD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjVfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIxMDkyOFcDc3BjQgphUi8CU2Ev6fDdUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Correction |

 |

 |

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

|  |
| --- |
| Open Access |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Correction to: On the effects of austenite phase transformation on welding residual stresses in non-load carrying longitudinal welds](http://links.springernature.com/f/a/rEqoxXEpP5Sf4VMBx8KyEg~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE0MS16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Jonas Hensel, Thomas Nitschke-Pagel, Klaus Dilger |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/rEqoxXEpP5Sf4VMBx8KyEg~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE0MS16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~)    [**» Full text HTML**](http://links.springernature.com/f/a/rEqoxXEpP5Sf4VMBx8KyEg~~/AABE5gA~/RgRjNYcvP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTE0MS16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NV8xMCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjEwOTI4VwNzcGNCCmFSLwJTYS_p8N1SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) [**» Full text PDF**](http://links.springernature.com/f/a/-UhlYgLHW_bOHp7dmc8frw~~/AABE5gA~/RgRjNYcvP0SgaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDExNDEtej91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjVfMTAmdXRtX2NvbnRlbnQ9ZXRvY19zcHJpbmdlcl8yMDIxMDkyOFcDc3BjQgphUi8CU2Ev6fDdUhJjd3MtYW5iQGN3cy1hbmIuY3pYBAAABx4~) |

 |

 |

 |

 |