

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

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

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

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

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

|  |  |
| --- | --- |
| New Issue Alert | 6 May 2022 |

 |
|

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Dear Reader, |
| We are pleased to deliver your requested table of contents alert for **Welding in the World**. [Volume 66, Issue 6](http://links.springernature.com/f/a/9L7-rTopyJ0UyZGbOBRooQ~~/AABE5gA~/RgRkV5m_P0SKaHR0cDovL2xpbmsuc3ByaW5nZXIuY29tL2pvdXJuYWwvNDAxOTQvNjYvNj91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIwNTA2VwNzcGNCCmJxvxR1Yo_fXetSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) is now available online. |
|  |

 |

 |

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

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

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

 |

 |

 |

 |

 |

 |
|

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

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

|  |
| --- |
|  |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [High-temperature oxidation behavior of plasma-sprayed NiCrAlY/TiO2 and NiCrAlY/Cr2O3/YSZ coatings on titanium alloy](http://links.springernature.com/f/a/JZ1NaOgqAJx5oCXr9EX-gQ~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI2OC03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| G. Madhu Sudana Reddy, C. Durga Prasad, Gagan Shetty, M. R. Ramesh, T. Nageswara Rao, Pradeep Patil |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/JZ1NaOgqAJx5oCXr9EX-gQ~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI2OC03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/JZ1NaOgqAJx5oCXr9EX-gQ~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI2OC03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/o0LxQJXKiPRPNzcWAO6ANA~~/AABE5gA~/RgRkV5m_P0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEyNjgtNz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIwNTA2VwNzcGNCCmJxvxR1Yo_fXetSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
| Open Access |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Effect of the Heat Input on Wire-Arc Additive Manufacturing of Invar 36 Alloy: Microstructure and Mechanical Properties](http://links.springernature.com/f/a/eTZhOjMKWudHHflAr1LGRg~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI5NS00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Fernando Veiga, Alfredo Suárez, Teresa Artaza, Eider Aldalur |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/eTZhOjMKWudHHflAr1LGRg~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI5NS00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/eTZhOjMKWudHHflAr1LGRg~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI5NS00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/_NKD2sv2de9GavXDGTlm9Q~~/AABE5gA~/RgRkV5m_P0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEyOTUtND91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIwNTA2VwNzcGNCCmJxvxR1Yo_fXetSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Influence of current waveform on C-GMAW of 6061 aluminum alloy with addition of ER4043 wire](http://links.springernature.com/f/a/Omyjx-uRQ2Xq10N3EsNTlg~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI2Mi16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Yuwen Wang, Maoai Chen, Chaofan Li, Chuansong Wu |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/Omyjx-uRQ2Xq10N3EsNTlg~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI2Mi16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/Omyjx-uRQ2Xq10N3EsNTlg~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI2Mi16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/YPaLlk9_juT5sk8waAJXFQ~~/AABE5gA~/RgRkV5m_P0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEyNjItej91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIwNTA2VwNzcGNCCmJxvxR1Yo_fXetSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Investigation of carbide precipitations on microstructure and hardness of medium carbon Cr-Ni austenite stainless hardfacing deposit with high wear resistance properties](http://links.springernature.com/f/a/xkDHGCjMRWGygyvjPEgXbQ~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTIzMS15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Dok Su Paek, Chong Bin Jong |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/xkDHGCjMRWGygyvjPEgXbQ~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTIzMS15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/xkDHGCjMRWGygyvjPEgXbQ~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTIzMS15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/4rhu8yyYlLiv3YtkZK5Y7Q~~/AABE5gA~/RgRkV5m_P0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDEyMzEteT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIwNTA2VwNzcGNCCmJxvxR1Yo_fXetSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [CMT Twin welding-brazing of aluminum to titanium](http://links.springernature.com/f/a/NyOn9g2n6kRpTrRFShvyqA~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI4OC0zP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Wanghui Xu, Wenhui Wang, Qingfu Yang, Jinye Xiong, Lixin Zhang, Huan He |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/NyOn9g2n6kRpTrRFShvyqA~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI4OC0zP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/NyOn9g2n6kRpTrRFShvyqA~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI4OC0zP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/Ht2bJtkpf9Y7HFJfqSCNVQ~~/AABE5gA~/RgRkV5m_P0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEyODgtMz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIwNTA2VwNzcGNCCmJxvxR1Yo_fXetSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
| Open Access |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Comparison of process behavior, microstructure and mechanical properties of ultrasound enhanced friction stir welded titanium/titanium joints](http://links.springernature.com/f/a/HZH1vZLZ9gSWPtfUYao2mg~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI3OS00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Marco Thomae, Andreas Gester, Guntram Wagner |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/HZH1vZLZ9gSWPtfUYao2mg~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI3OS00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/HZH1vZLZ9gSWPtfUYao2mg~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI3OS00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/KxrmEkluTLZD933trMrDqw~~/AABE5gA~/RgRkV5m_P0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEyNzktND91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIwNTA2VwNzcGNCCmJxvxR1Yo_fXetSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [A comparative analysis on friction stir welding of similar and dissimilar polymers: acrylonitrile butadiene styrene and polycarbonate plates](http://links.springernature.com/f/a/f7ECyEbAlquppKGTV6Chmg~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI5NC01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Sudhir Kumar, Barnik Saha Roy |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/f7ECyEbAlquppKGTV6Chmg~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI5NC01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/f7ECyEbAlquppKGTV6Chmg~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI5NC01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/ERQcGVl2kzizzq4zDJm80g~~/AABE5gA~/RgRkV5m_P0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEyOTQtNT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIwNTA2VwNzcGNCCmJxvxR1Yo_fXetSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Investigation of friction diffusion bonding of Al/Cu lap joint](http://links.springernature.com/f/a/cdbz5d7-TORAp3saIWAw7A~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI5MC05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Tae-Hong Kim, Jong-Min Ju, Won-Chol Son |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/cdbz5d7-TORAp3saIWAw7A~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI5MC05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/cdbz5d7-TORAp3saIWAw7A~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI5MC05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/kh8Nnsc_CU7cOMVZG-ILsQ~~/AABE5gA~/RgRkV5m_P0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEyOTAtOT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIwNTA2VwNzcGNCCmJxvxR1Yo_fXetSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [X-ray weld defect detection based on AF-RCNN](http://links.springernature.com/f/a/uWfqOpIwyKrerjx4aLTRBA~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI4MS13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Weipeng Liu, Shengqi Shan, Haiyong Chen, Rui Wang, Jiaming Sun, Zhengkui Zhou |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/uWfqOpIwyKrerjx4aLTRBA~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI4MS13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/uWfqOpIwyKrerjx4aLTRBA~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI4MS13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/JZvW2QKbmvZpgInzbBT2-A~~/AABE5gA~/RgRkV5m_P0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEyODEtdz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIwNTA2VwNzcGNCCmJxvxR1Yo_fXetSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
| Open Access |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Influence of rotational speed on the electrical and mechanical properties of the friction stir spot welded aluminium alloy sheets](http://links.springernature.com/f/a/X4KqvsQnwTlWqPtEyfJ8Mw~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI2Ny04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Danka Labus Zlatanovic, Jean Pierre Bergmann, Sebastian Balos, Michael Gräzel, Dragan Pejic, Platon Sovilj, Saurav Goel |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/X4KqvsQnwTlWqPtEyfJ8Mw~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI2Ny04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/X4KqvsQnwTlWqPtEyfJ8Mw~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI2Ny04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/unWAZ76HnPN8Yn9d8_Z8XA~~/AABE5gA~/RgRkV5m_P0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEyNjctOD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIwNTA2VwNzcGNCCmJxvxR1Yo_fXetSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Investigation of ẟ-ferrite content in weld metal of modified 9Cr–1Mo electrodes using thermodynamic modelling and quenching experiments](http://links.springernature.com/f/a/jJL1Y35G5a2OnHdb-hBCyQ~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI3Mi14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| S. S. Mahlalela, P. G. H. Pistorius |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/jJL1Y35G5a2OnHdb-hBCyQ~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI3Mi14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/jJL1Y35G5a2OnHdb-hBCyQ~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI3Mi14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/b1KVsjp9JcZdI6syGbu8xA~~/AABE5gA~/RgRkV5m_P0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEyNzIteD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIwNTA2VwNzcGNCCmJxvxR1Yo_fXetSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Mechanical and microstructural properties of S1100 UHSS welds obtained by EBW and MAG welding](http://links.springernature.com/f/a/Kzcd4k9r_xCtrJQNODYBhg~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI3Ni03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Mustafa Tümer, Florian Pixner, Rudolf Vallant, Josef Domitner, Norbert Enzinger |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/Kzcd4k9r_xCtrJQNODYBhg~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI3Ni03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/Kzcd4k9r_xCtrJQNODYBhg~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI3Ni03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/3P-2WlsXkQKt6gCte1Uo4Q~~/AABE5gA~/RgRkV5m_P0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEyNzYtNz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIwNTA2VwNzcGNCCmJxvxR1Yo_fXetSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Microstructure and Impact Toughness of the Coarse-Grain HAZ Physically Simulated with Different Heat Inputs in a 690 MPa Ultra-low Carbon High-Strength Microalloyed Steel](http://links.springernature.com/f/a/xirfvOFdoyp-PTRPAdiv5g~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI5Ni0zP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Yulong Yang, Xiao Jia, Yaxin Ma, Ping Wang, Fuxian Zhu |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/xirfvOFdoyp-PTRPAdiv5g~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI5Ni0zP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/xirfvOFdoyp-PTRPAdiv5g~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI5Ni0zP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/20a937YgEeUdlJKjimj0UQ~~/AABE5gA~/RgRkV5m_P0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEyOTYtMz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIwNTA2VwNzcGNCCmJxvxR1Yo_fXetSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Provisions for avoiding brittle fracture in steels used in Australasia including effects of seismic action](http://links.springernature.com/f/a/Ind6niYnTgxaNwJF2Cc8vA~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTI0MS13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Adolf F. Hobbacher, Michail Karpenko |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/Ind6niYnTgxaNwJF2Cc8vA~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTI0MS13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/Ind6niYnTgxaNwJF2Cc8vA~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMS0wMTI0MS13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/to5pyfvTjAJadp7WDihsMA~~/AABE5gA~/RgRkV5m_P0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjEtMDEyNDEtdz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIwNTA2VwNzcGNCCmJxvxR1Yo_fXetSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
| Open Access |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Comparison between PSM and IBESS approaches for the fatigue life estimation of weldments](http://links.springernature.com/f/a/LDWpwSdpiD_R4p0EDnpPQw~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI4NC03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Federico Scacco, Uwe Zerbst, Giovanni Meneghetti, Mauro Madia |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/LDWpwSdpiD_R4p0EDnpPQw~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI4NC03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/LDWpwSdpiD_R4p0EDnpPQw~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI4NC03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/cuLwbmTuP9r5kMY9GauIYQ~~/AABE5gA~/RgRkV5m_P0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEyODQtNz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIwNTA2VwNzcGNCCmJxvxR1Yo_fXetSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
|    |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| Research Paper |

 |

 |

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

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

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

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

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

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

|  |
| --- |
| [Finite element simulation of multi-layer repair welding and experimental investigation of the residual stress fields in steel welded components](http://links.springernature.com/f/a/G5uvD_6GdXJxOoegpLuwJg~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI4Ni01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Ardeshir Sarmast, Jan Schubnell, Majid Farajian |

 |

 |

 |

 |

 |
|

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

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

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

|  |
| --- |
| [**» Abstract**](http://links.springernature.com/f/a/G5uvD_6GdXJxOoegpLuwJg~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI4Ni01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/G5uvD_6GdXJxOoegpLuwJg~~/AABE5gA~/RgRkV5m_P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTI4Ni01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl82JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjA1MDZXA3NwY0IKYnG_FHVij99d61ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/7VncSwo1tyfegTiNeJTzvw~~/AABE5gA~/RgRkV5m_P0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDEyODYtNT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjZfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIwNTA2VwNzcGNCCmJxvxR1Yo_fXetSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |

 |

 |

 |

 |

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

|  |
| --- |
|  |

 |