|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | |  | | --- | | Dear Reader, | | We are pleased to deliver your requested table of contents alert for **Welding in the World**. [Volume 67, Issue 6](http://links.springernature.com/f/a/R6uftCqWE2RcSHIYMbOfRg~~/AABE5gA~/RgRmPzEhP0SKaHR0cDovL2xpbmsuc3ByaW5nZXIuY29tL2pvdXJuYWwvNDAxOTQvNjcvNj91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) is now available online. | |  | | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Welding in the World cover image | | | |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  | | --- | | In this issue | | |  | | --- | |  | | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Examination of post-heating conditions to improve CTS in resistance spot-weld joints](http://links.springernature.com/f/a/Xnpy2c2IjrvxrjOMI8Z42g~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ3Ny04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) | | Taiga Taniguchi, Seiji Furusako, Shinji Kodama | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/Xnpy2c2IjrvxrjOMI8Z42g~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ3Ny04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/Xnpy2c2IjrvxrjOMI8Z42g~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ3Ny04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/RqOBJ0xwJk_Balsp0gXRIQ~~/AABE5gA~/RgRmPzEhP0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE0NzctOD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Influence of the temperature conditions on the joining quality during refill friction stir spot welding of aluminium](http://links.springernature.com/f/a/8vZUiOO9zEaLhNpurOOnyA~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ3OS02P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) | | Dennis Lauterbach, Nima Eslami, Alexander Harms, Daniel Keil, Klaus Dilger | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/8vZUiOO9zEaLhNpurOOnyA~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ3OS02P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/8vZUiOO9zEaLhNpurOOnyA~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ3OS02P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/Kj8PbbkZ4mwYXPhR6q95og~~/AABE5gA~/RgRmPzEhP0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE0NzktNj91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Collaborative Simulation of Nugget Growth and Process Signals for Resistance Spot Welding](http://links.springernature.com/f/a/idRGbxs87fA40NpTozJDTg~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ4OS00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) | | Yu-Jun Xia, Tian-Le Lv, Hassan Ghassemi-Armaki, Yong-Bing Li, Blair E. Carlson | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/idRGbxs87fA40NpTozJDTg~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ4OS00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/idRGbxs87fA40NpTozJDTg~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ4OS00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/QOkeiWii9YSJKYzmQMitTg~~/AABE5gA~/RgRmPzEhP0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE0ODktND91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Enhancement of joint properties and reduction of intermetallics in FSW of highly dissimilar Al/Ti alloys](http://links.springernature.com/f/a/9W-FP_FEO6AxoDt2cgGyFA~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ5My04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) | | Saed Enam Mustafa, Rajiv Nandan Rai, Raashid Firoz | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/9W-FP_FEO6AxoDt2cgGyFA~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ5My04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/9W-FP_FEO6AxoDt2cgGyFA~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ5My04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/MLxRIMBnkC44bNzIYLa-Mw~~/AABE5gA~/RgRmPzEhP0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE0OTMtOD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Exploring the impact of rolling temperature on interface microstructure and mechanical properties of steel–bronze explosive welded bilayer composite sheets](http://links.springernature.com/f/a/_c0b0gJWlW7amjIumNqzag~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ5NS02P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) | | Gholamreza Khalaj, Moein Moradi, Ebrahim Asadian | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/_c0b0gJWlW7amjIumNqzag~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ5NS02P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/_c0b0gJWlW7amjIumNqzag~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ5NS02P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/Peio36kRtPZHz9-Q33mB5A~~/AABE5gA~/RgRmPzEhP0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE0OTUtNj91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | | Open Access | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Influence of different surface conditions on mechanical properties during ultrasonic welding of aluminum wire strands and copper terminals](http://links.springernature.com/f/a/HkmyrrXJHvYOnW0pcvfWpA~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ5MC14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) | | Pascal Pöthig, Michael Grätzel, Jean Pierre Bergmann | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/HkmyrrXJHvYOnW0pcvfWpA~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ5MC14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/HkmyrrXJHvYOnW0pcvfWpA~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ5MC14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/nnhLgLUl41n_Kvk9iilNbQ~~/AABE5gA~/RgRmPzEhP0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE0OTAteD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Temperature-based quality analysis in ultrasonic welding of copper sheets with microstructural joint evaluation and machine learning methods](http://links.springernature.com/f/a/rUETNHmIdTt3bFw3V4fcQw~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ2My0wP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) | | Elisabeth Birgit Schwarz, Fabian Bleier, Friedhelm Guenter, Ralf Mikut, Jean Pierre Bergmann | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/rUETNHmIdTt3bFw3V4fcQw~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ2My0wP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/rUETNHmIdTt3bFw3V4fcQw~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ2My0wP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/nnlow6_2OxM5Trme6cmMeA~~/AABE5gA~/RgRmPzEhP0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE0NjMtMD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [A comparative investigation of butt friction stir welding of aluminium alloys, AA 1100 and AA 7075, with AISI 304 stainless steel](http://links.springernature.com/f/a/9xEUggi8t1W9SiiJ7gXV4g~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUxNC02P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) | | Abhijit Datta, Ankit Shrivastava, Nilrudra Mandal, Himadri Roy, Shitanshu Shekhar Chakraborty | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/9xEUggi8t1W9SiiJ7gXV4g~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUxNC02P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/9xEUggi8t1W9SiiJ7gXV4g~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUxNC02P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/fk6JP5aIToaBZTrZ1LfH2Q~~/AABE5gA~/RgRmPzEhP0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE1MTQtNj91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | | Open Access | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Keyhole-in-keyhole formation by adding a coaxially superimposed single-mode laser beam in disk laser deep penetration welding](http://links.springernature.com/f/a/cB9Jth426UCW-UbP841Fjw~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ4NC05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) | | M. Möbus, P. Woizeschke | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/cB9Jth426UCW-UbP841Fjw~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ4NC05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/cB9Jth426UCW-UbP841Fjw~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ4NC05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/VaTEdjlsvnz8w9xBX8dHnA~~/AABE5gA~/RgRmPzEhP0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE0ODQtOT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Effect of beam offset on the microstructure and properties of a dissimilar tungsten/kovar electron beam weld](http://links.springernature.com/f/a/KCT-d9JX_InNyj4ABVYSOw~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTQxNC0xP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) | | Guoqing Chen, Xinyan Teng, Qianxing Yin, Binggang Zhang, Xuesong Leng | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/KCT-d9JX_InNyj4ABVYSOw~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTQxNC0xP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/KCT-d9JX_InNyj4ABVYSOw~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTQxNC0xP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/CebQa_djirEJu__-5WtUjw~~/AABE5gA~/RgRmPzEhP0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjItMDE0MTQtMT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | | Open Access | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Quality characteristics and analysis of input parameters on laser beam welding of hairpin windings in electric drives](http://links.springernature.com/f/a/91W1YelvN2Umug0ax5Fi2w~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUwMC15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) | | Markus Omlor, Niklas Seitz, Tom Butzmann, Tobias Petrich, Rolf Gräf, Ann-Christin Hesse, Klaus Dilger | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/91W1YelvN2Umug0ax5Fi2w~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUwMC15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/91W1YelvN2Umug0ax5Fi2w~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUwMC15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/otjE4916tD5j0unRqYBLrQ~~/AABE5gA~/RgRmPzEhP0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE1MDAteT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Melting efficiency calculation of “finite-element-modeled” weld-bead and “experimental” weld-bead for laser-irradiated Hastelloy C-276 sheet](http://links.springernature.com/f/a/nkED9ay2c8o3youV4Yr1xA~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUxNS01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) | | Kalinga Simant Bal, Jyotsna Dutta Majumdar, Asimava Roy Choudhury | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/nkED9ay2c8o3youV4Yr1xA~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUxNS01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/nkED9ay2c8o3youV4Yr1xA~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUxNS01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/kG3rcYMZ2tItswIlVtY8Jg~~/AABE5gA~/RgRmPzEhP0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE1MTUtNT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | | Open Access | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Local weld geometry-based characterization of fatigue strength in laser-MAG hybrid welded joints](http://links.springernature.com/f/a/f3PjyiFvHvfcyGDzcthmSQ~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ4OC01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) | | Abinab Niraula, Heikki Remes, Pauli Lehto | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/f3PjyiFvHvfcyGDzcthmSQ~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ4OC01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/f3PjyiFvHvfcyGDzcthmSQ~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ4OC01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/D7bCvIUjxj2cstiuCnqBUQ~~/AABE5gA~/RgRmPzEhP0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE0ODgtNT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | | Open Access | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Residual stress stability of HFMI-treated transverse attachments under variable amplitude loading with the P(1/3) and the linear spectrum](http://links.springernature.com/f/a/6_VH6aUAjHQI-pdY6cZ9KQ~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ5MS13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) | | Daniel Löschner, Paul Diekhoff, Richard Schiller, Imke Engelhardt, Thomas Nitschke-Pagel, Klaus Dilger | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/6_VH6aUAjHQI-pdY6cZ9KQ~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ5MS13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/6_VH6aUAjHQI-pdY6cZ9KQ~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ5MS13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/rfAfbgrhLJChGOrNKs0hlA~~/AABE5gA~/RgRmPzEhP0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE0OTEtdz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | | Open Access | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Fatigue strength of shot-peened as-welded joints and post-weld-treated and subsequently clean-blasted fillet weld joints](http://links.springernature.com/f/a/_Mb_v_UDR2eulMncK6QhgA~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ5OC0zP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) | | A. Ahola, K. Lipiäinen, J. Riski, M. Koskimäki, J. Pyörret, T. Björk | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/_Mb_v_UDR2eulMncK6QhgA~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ5OC0zP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/_Mb_v_UDR2eulMncK6QhgA~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ5OC0zP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/7IRazTKhGFcxLuz1A8dnSw~~/AABE5gA~/RgRmPzEhP0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE0OTgtMz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | | Open Access | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Capability of weld seam improvement techniques for the fatigue strength optimization of welded high strength steels](http://links.springernature.com/f/a/rkpFQo154E98LJSeMJilwg~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ4NS04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) | | Tom Werner, Thomas Nitschke-Pagel, Klaus Dilger | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/rkpFQo154E98LJSeMJilwg~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ4NS04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/rkpFQo154E98LJSeMJilwg~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTQ4NS04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/XIiIFmFTCZokTmGQe2LZtA~~/AABE5gA~/RgRmPzEhP0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE0ODUtOD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Research on influence parameters and fatigue life prediction method of weld with undercut imperfection](http://links.springernature.com/f/a/iMczjTPlBI0HCSqChb8cUg~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUwNy01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) | | Zhengping He, Bingzhi Chen, Xiangwei Li | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/iMczjTPlBI0HCSqChb8cUg~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUwNy01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/iMczjTPlBI0HCSqChb8cUg~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUwNy01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/tOYKfsLt1Ef66m-tCqqBXA~~/AABE5gA~/RgRmPzEhP0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE1MDctNT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Research Paper | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Method for evaluating the ductile fracture properties of steel parent material and weld metal](http://links.springernature.com/f/a/0yrpLNYTj3u4JRP8v26FCw~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUxMi04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) | | Asato Hatamoto, Hiroshi Shimanuki | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/0yrpLNYTj3u4JRP8v26FCw~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUxMi04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/0yrpLNYTj3u4JRP8v26FCw~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUxMi04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/ZIEIXzDuF0Gm7OXax-xRZg~~/AABE5gA~/RgRmPzEhP0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE1MTItOD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Correction | | | |  |  | | --- | --- | | |  | | --- | | Open Access | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | [Correction to: Quality characteristics and analysis of input parameters on laser beam welding of hairpin windings in electric drives](http://links.springernature.com/f/a/SnJr6p9GVqxfUEE1OWCymQ~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUyMy01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) | | Markus Omlor, Niklas Seitz, Tom Butzmann, Tobias Petrich, Rolf Gräf, Ann-Christin Hesse, Klaus Dilger | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [**» Abstract**](http://links.springernature.com/f/a/SnJr6p9GVqxfUEE1OWCymQ~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUyMy01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/SnJr6p9GVqxfUEE1OWCymQ~~/AABE5gA~/RgRmPzEhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUyMy01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N182JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA1MTFXA3NwY0IKZFEhrFxkdhT9z1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/WyZc_Vbmh0hsgO42NMquYQ~~/AABE5gA~/RgRmPzEhP0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjMtMDE1MjMtNT91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfNiZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNTExVwNzcGNCCmRRIaxcZHYU_c9SEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) | | | | | |