



# Correction to: Numerical simulation of convex shape beam spot on stress field of plasma-sprayed MCrAlY coating during laser cladding process

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**Correction to: The International Journal of Advanced Manufacturing Technology**

<https://doi.org/10.1007/s00170-021-07949-9>

The original article contained a mistake.

No.	Location and original content	Corrected content
1	Line 1-2 in last paragraph in Section 2.3: $h_r = \sigma \varepsilon (T_w^2 + T_e^2) (T_w + T_e)$	$E$
2	Line 4 in last paragraph in Section 2.3: $H = \int \rho C(T) dT$	$\tau = T - T_0$
3	Line 5 in last paragraph in Section 2.3: $\eta = \frac{vE}{(1+v)}(1-2\nu)$	$\eta = \frac{vE}{(1+v)(1-2\nu)}$
4	Line 4 in paragraph 2 in Section 2.5: $-\lambda \frac{\partial T}{\partial z} = h(T_w - T_e)$	$\nu$

The original article can be found online at <https://doi.org/10.1007/s00170-021-07949-9>.

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No.	Location and original content	Corrected content
5	Line 6 in paragraph 1 in Section 2.6: $E$	$Q$
6	Line 8 in paragraph 1 in Section 2.6: $\sigma_s$	$T_w$
7	Line 8 in paragraph 1 in Section 2.6: $G$	$T_e$
8	Line 9 in paragraph 1 in Section 2.6: $\alpha$	$h$
9	Line 5-6 in paragraph 2 in Section 2.6: $\Theta_s = \sigma_{xx} + \sigma_{yy} + \sigma_{zz}$	$h_c$
10	Line 9 in paragraph 2 in Section 2.6: $\nu$	$\sigma$
11	Line 10 in paragraph 2 in Section 2.6: $\alpha$	$\varepsilon$
12	Line 5 in the second paragraph from bottom in Section 2.6: $\theta = \varepsilon_{xx} + \varepsilon_{yy} + \varepsilon_{zz}$	$\rho$
13	Line 6 in the second paragraph from bottom in Section 2.6: $G = \frac{E}{2(1+\nu)}$	$C$
14	Line 6 in the second paragraph from bottom in Section 2.6: $\eta = \frac{vE}{(1+v)(1-2\nu)}$	$T$

The original article has been corrected.

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