CORRECTION

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Correction to: Thermodynamic potential of free energy for thermo-elastic-plastic body

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Correction to: Continuum Mech. Thermodyn.
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Unfortunately, the original article was online published with error in equations, and the same is corrected here.
Updated equation 3.28 provided here:

$$\Gamma^p = U^p = \frac{1}{\rho_0} \int_0^\kappa \pi(T, \xi) d\xi + T s^p = A^p + T s^p, \quad (3.28)$$

therefore

$$A^p = \Gamma^p - T s^p.$$
$$\text{Expression } T s^p = -\frac{T}{\rho_0} \frac{\partial}{\partial T} \left(\int_0^\kappa \pi(T, \xi) d\xi \right)$$

Point 5 of conclusion section, updated equation is:

$$T s^p = -\frac{T}{\rho_0} \frac{\partial}{\partial T} \left(\int_0^\kappa \pi(T, \xi) d\xi \right)$$

The original article can be found online at <https://doi.org/10.1007/s00161-017-0597-3>.

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